

56 30

NAVAER 16-30UPM55-504

Illustrated

Parts Breakdown

PULSE GENERATOR

AN/UPM-55

PUBLISHED BY DIRECTION OF
THE CHIEF OF THE BUREAU OF AERONAUTICS

NAVAER 16-30UPM55-504

Illustrated
Parts Breakdown

PULSE GENERATOR
AN/UPM-55

PUBLISHED BY DIRECTION OF
THE CHIEF OF THE BUREAU OF AERONAUTICS

15 August 1955

Reproduction for non-military use of the information or illustrations contained in this publication is not permitted without specific approval of the issuing service (BUAer or AMC). The policy for use of Classified Publications is established for the Air Force in AFR 205-1 and for the Navy in Navy Regulations, Article 1509.

LIST OF REVISED PAGES ISSUED

INSERT LATEST REVISED PAGES. DESTROY SUPERSEDED PAGES.

NOTE: The portion of the text affected by the current revision is indicated by a vertical line in the outer margins of the page.

* The asterisk indicates pages revised, added or deleted by the current revision.

ADDITIONAL COPIES OF THIS PUBLICATION MAY BE OBTAINED AS FOLLOWS:

BuAer

USAF ACTIVITIES.—In accordance with Technical Order No. 00-5-2.

NAVY ACTIVITIES.—Submit request to nearest supply point listed below, using form NavAer-1-10; NASD, Philadelphia, Pa.; NAS, Alameda, Calif.; NAS, Jacksonville, Fla.; NAS, Norfolk, Va.; NAS, San Diego, Calif.; NAS, Seattle, Wash.

For listing of available material and details of distribution, see Naval Aeronautics Publications Index NavAer 00-500.

TABLE OF CONTENTS

<i>Section</i>	<i>Page Number</i>	<i>Section</i>	<i>Page Number</i>
I INTRODUCTION	1	Terminal Board Assembly, TB502	43
II GROUP ASSEMBLY PARTS LIST	5	Terminal Board Assembly, TB503	43
Accessory Equipment	5	Terminal Board Assembly, TB601	43
Test Prod Assembly	7	Terminal Board Assembly, TB701	43
Pulse Generator Assembly, SG-30/UP.....	10	Terminal Board Assembly, TB702	43
Cathode-Ray Tube Assembly	12	Terminal Board Assembly, TB703	45
R-C Oscillator Chassis Assembly.....	14	Terminal Board Assembly, TB704	45
R-C Oscillator Chassis Assembly (continued)....	15	Terminal Board Assembly, TB705	47
Fan Assembly, Centrifugal	18	Terminal Board Assembly, TB901	47
Control Panel Assembly	18	Terminal Board Assembly, TB902	47
Marker Generator Chassis Assembly.....	24	Terminal Board Assembly, TB903	48
Vertical Chassis Assembly	28	Terminal Board Assembly, TB904	48
Main Chassis Assembly	33	Terminal Board Assembly, TB1001	48
Terminal Board Assembly, TB101	37	Terminal Board Assembly, TB1002	50
Terminal Board Assembly, TB102	37	Terminal Board Assembly, TB1003	50
Terminal Board Assembly, TB103	37	Terminal Board Assembly, TB1004	50
Terminal Board Assembly, TB104	37	Terminal Board Assembly, TB1005	50
Terminal Board Assembly, TB201	37	Terminal Board Assembly, TB1006	50
Terminal Board Assembly, TB202	37	Terminal Board Assembly, TB1007	52
Terminal Board Assembly, TB203	37	Terminal Board Assembly, TB1008	52
Terminal Board Assembly, TB301	41	Terminal Board Assembly, TB1009	52
Terminal Board Assembly, TB302	41	Terminal Board Assembly, TB1010	52
Terminal Board Assembly, TB303	41	III NUMERICAL INDEX	53
Terminal Board Assembly, TB501	41	IV REFERENCE DESIGNATION INDEX	57

SECTION I

INTRODUCTION

1. GENERAL

a. This Catalog lists and describes the parts for Pulse Generator Equipment AN/UPM-55 manufactured by Sylvania Electric Products Inc., Electronic Systems Division, 175 Great Arrow Avenue, Buffalo 7, N. Y., U. S. A., and is divided into four sections as shown in the Table of Contents.

b. The Table of Contents at the front of the catalog shows the method of grouping parts and the sequence of the groups.

c. The Group Assembly Parts List (Section II) consists of the complete equipment broken down into 42 main groups as shown by the Table of Contents. The first group lists the accessory equipment while the remaining groups consist of the Pulse Generator SG-30/UP divided into its major assemblies. Each assembly listed is followed immediately by its detail parts properly indented, thereunder, to show their relationship to the assembly. Detail parts which are not included in any assembly, but which are used in conjunction with, attach, or attach to a certain assembly, are listed either preceding the first detail or following the last detail of that assembly, and in line with the assembly.

d. The quantities listed in the "Units per Ass'y" column of the Group Assembly Parts List are, in the case of assemblies, the total number used per Pulse Generator at the location indicated, while the detail parts indented under the assemblies are the quantity used per assembly. The quantities specified, therefore, are not necessarily the total used in the equipment. Refer to the Numerical Index (Section III) for the total quantities used per Pulse Generator.

e. The index numbers are numerically arranged in the Group Assembly Parts List and are used mainly to assist in locating a part in the Group Assembly Parts List after it has been found in either the Numerical Index or the Reference Designation Index.

f. Sylvania part numbers are used to identify all parts and assemblies. These part numbers appear in the

"Part No." column of the Group Assembly Parts List except in the case of Government standard parts when the appropriate Government number is used. For each Government standard part the corresponding Sylvania number is also listed in the Numerical Index (Section III) for reference. In addition to part numbers, all electrical parts have been assigned reference symbols for identification. These symbols do not appear in the Group Assembly Parts List but are cross-referenced in the Reference Designation Index (Section IV).

g. The Numerical Index (Section III) contains all part numbers assigned to the various parts and assemblies. Part numbers marked with an asterisk are those which do not appear in the "Part No." column of the Group Assembly Parts List but are listed for reference. Only the first figure and index number that appears on standard parts is listed.

h. The Numerical Index (Section III) is compiled in accordance with the numerical part number filing system described below:

(1) Part number numerical arrangement starts on the left-hand column and continues from left to right, one column at a time, until part number numerical arrangement is determined.

(2) The order of precedence in part number numerical arrangement is as follows:

- (1) Space (blank column).
- (2) Dash (—).
- (3) Letters A through Z.
- (4) Numerals 0 through 9.

i. The Reference Designation Index (Section IV) contains all of the reference symbols shown on schematic wiring diagrams and text contained in the Handbook of Service Instructions (NavAer 16-30UPM55-502) and the Handbook of Overhaul Instructions (NavAer 16-30UPM55-503). This index, arranged in alpha-numerical sequence, is used to assist in locating a part in the Group Assembly Parts List when only the reference symbol is known.

1. FIND PAGE NO.
IN TABLE OF
CONTENTS

2. TURN TO PAGE
3. FIND PART AND
ITS INDEX NO.
4. LOCATE INDEX
NO. ON PARTS
LIST

NAVAER 16-30UPM55-504

Section III
Numerical Index

Section IV
Reference Designation Index

NAVAER 16-30UPM55-504

Section II
Group Assembly Parts List

Figure 4. Cathod-ray Tube Assembly

5. FIND PART NO. IN
NUMERICAL LIST OR
SYMBOL NO. IN RE-
FERENCE DESIGNATION
LIST.

6. TURN TO FIGURE
AND INDEX NO.

7. LOCATE PART
ON ILLUSTRATION

2. HOW TO USE THIS ILLUSTRATED PARTS BREAKDOWN.

HOW TO FIND THE PART NUMBER IF THE MAJOR ASSEMBLY IN WHICH THE PART IS USED IS KNOWN:

- (1) Turn to the Table of Contents and find the page number for the Major Assembly in which the part is used.
- (2) Turn to the page determined in step (1).
- (3) Locate the part and its index number on the illustration.
- (4) Find the index number on the Group Assembly Parts List page to determine complete description.

HOW TO FIND THE ILLUSTRATION FOR A PART IF EITHER THE PART NUMBER OR THE REFERENCE SYMBOL IS KNOWN:

- (5) Refer to Section III, the Numerical Index, and find the part number or refer to Section IV, the Reference Designation Index, and find the reference symbol.
- (6) Turn to Section II and find the figure and index number indicated in the Reference Designation Index or to the first figure and index number indicated in the Numerical Index for that part. If this first figure shows the part in an assembly other than the one desired, refer to the other figure numbers listed in the Numerical Index.
- (7) On the face of the illustration, find the index number determined in step (6).

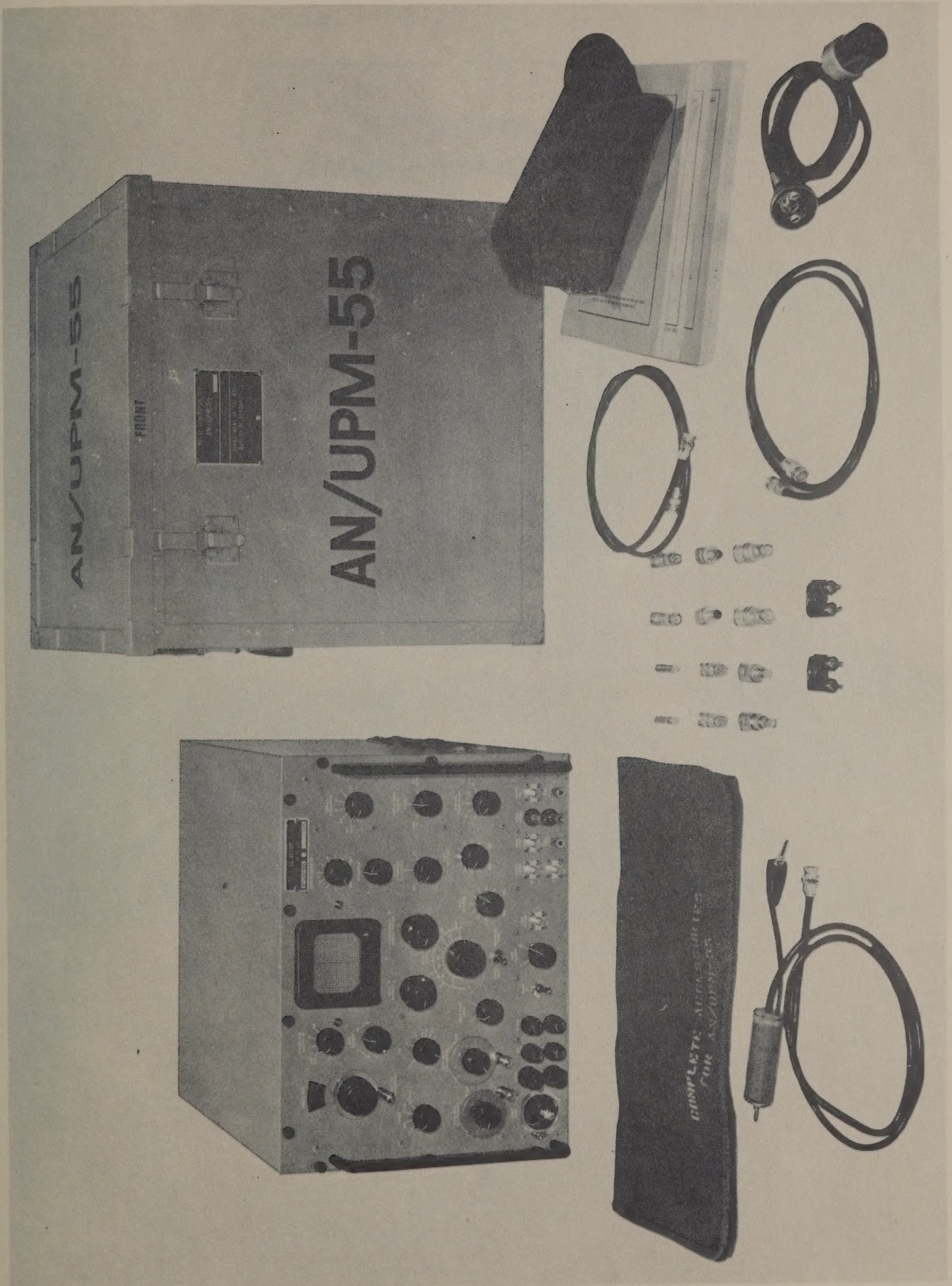


Figure 1. Pulse Generator Assembly AN/UPM-55

SECTION II

GROUP ASSEMBLY PARTS LIST

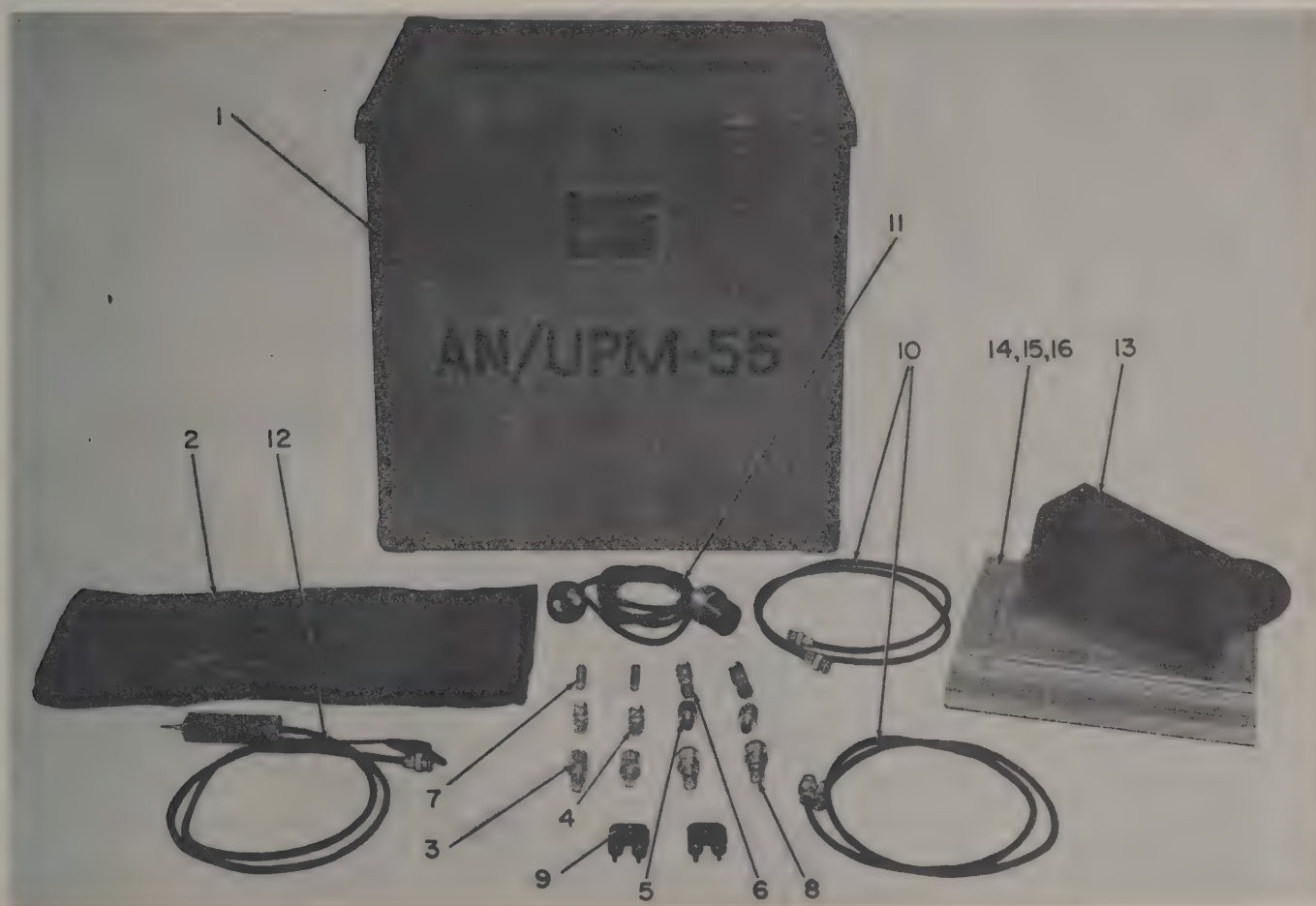


Figure 2. Accessory Equipment

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
2-	No number	ACCESSORY EQUIPMENT.....	1	
-1	CY-1537/UPM-55	. CASE, Pulse generator.....	1	
-2	85-112086-1	. BAG, Accessory.....	1	
-3	UG-201/U	. ADAPTER, Connector.....	2	
-4	UG-255/U	. ADAPTER, Connector.....	2	
-5	UG-273/U	. ADAPTER, Connector.....	2	
-6	UG-349/U	. ADAPTER, Connector.....	2	
-7	73-90913-1	. ADAPTER, Double female connector.....	2	
-8	73-90914-1	. ADAPTER, Type N male to BNC male connector.....	2	
-9	73-90843-1	. CONNECTOR, Electrical plug.....	2	
-10	CG-530/U	. CABLE and CONNECTOR ASSEMBLY, RF.....	2	
	RG-62/U	. . CABLE, Coaxial, 46-3/4 in.	2	
	UG-260/U	. . CONNECTOR, Electrical plug.....	4	
	86-112269-1	. . MARKER, Cable.....	2	
-11	CX-337/U	. . CORD ASSEMBLY, Power.....	1	
	2U-4527	. . CABLE, Power, 6 ft.	1	

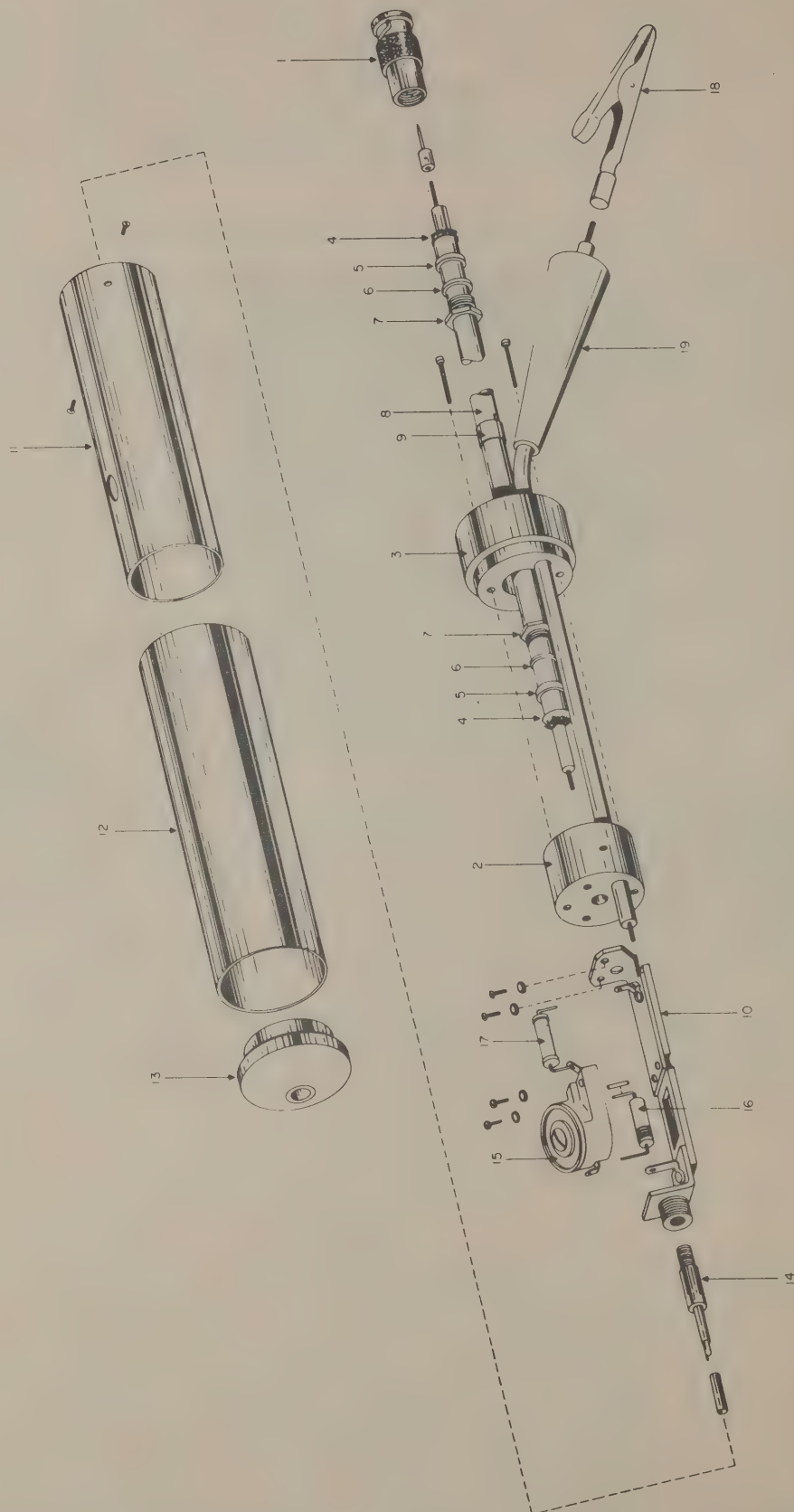


Figure 2A. Test Prod Assembly

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
1	2	3	4	5
6	7			
2-	7A-24261	. . . CONNECTOR, Male electrical plug.....	1	
	7A-24262	. . . CONNECTOR, Female electrical plug.....	1	
	86-112270-1	. . . MARKER, Power cord.....	2	
-12	MX-1587/UPM-55	. . . TEST PROD ASSEMBLY (See figure 2A)	1	
-13	89-112138-1	. . . HOOD ASSEMBLY, Fluoroscopic screen.....	1	
-14	05-112149-1	. . . HANDBOOK OPERATION INSTRUCTIONS, NavAer 16-30UPM55-501.....	1	
-15	05-112150-1	. . . HANDBOOK SERVICE INSTRUCTIONS, NavAer 16-30UPM55-502.....	1	
-16	05-112152-1	. . . ILLUSTRATED PARTS BREAKDOWN, NavAer 16-30UPM55-504.....	1	
2A-	MX-1587/UPM-55	. . . TEST PROD ASSEMBLY.....	Ref	
	73-112252-1	. . . CABLE ASSEMBLY, Test prod.....	1	
-1	UG-260/U	. . . . CONNECTOR, Electrical plug.....	1	
-2	73-112257-1	. . . . CONNECTOR, Prod.....	1	
-3	86-112258-1	. . . . INSULATOR, Prod connector.....	1	
		(ATTACHING PARTS)		
	70A-3700214-480	. . . . SCREW, fil hd, No. 2-56 by 7/16 in.	2	
-4 -	73-112263-6	. . . . CLAMP, Electrical connector	1	
-5	73-112263-5	. . . . GASKET, Electrical connector	1	
-6	73-112263-4	. . . . WASHER, Electrical connector	1	
-7	73-112263-3	. . . . NUT, Electrical connector	1	
-8	RG-62/U	. . . . CABLE, RF, 49-13/16 in.	1	
-9	86-112271-1	. . . . MARKER, Cable	1	
-10	89-112254-1	. . . BRACKET ASSEMBLY, Capacitor mounting	1	
		(ATTACHING PARTS)		
	70A-3000208-480	. . . SCREW, Round hd, No. 2-56 by 1/4 in.	2	
	70D-3010204-80	. . . WASHER, Split lock, No. 2	2	
-11	82-112148-1	. . . CASE, Test prod	1	
		(ATTACHING PARTS)		
	70A-3100206-480	. . . SCREW, Flat hd, No. 2-56 by 3/16 in.	2	
-12	86-112253-1	. . . INSULATOR, Prod case	1	
-13	86-112255-1	. . . INSULATOR, Prod tip	1	
-14	73-112264-1	. . . TIP, Test prod	1	
-15	CV11C300	. . . CAPACITOR, Variable, ceramic, 4-30uuf, 500V	1	
		(ATTACHING PARTS)		
	70A-3700410-480	. . . SCREW, Fil hd, No. 4-40 by 5/16 in.	2	
	71-81857-8	. . . WASHER, Flat nylon, No. 4	2	
-16	RC20GF105J	. . . RESISTOR, Fixed, composition, 1 meg $\pm 5\%$, 1/2w	1	
-17	RN20R1253F	. . . RESISTOR, Fixed, film, 125K $\pm 1\%$, 1/2w	1	
-18	73-80395-1	. . . CLIP, Alligator	1	
-19	86-80260-2	. . . INSULATOR, Alligator clip	1	

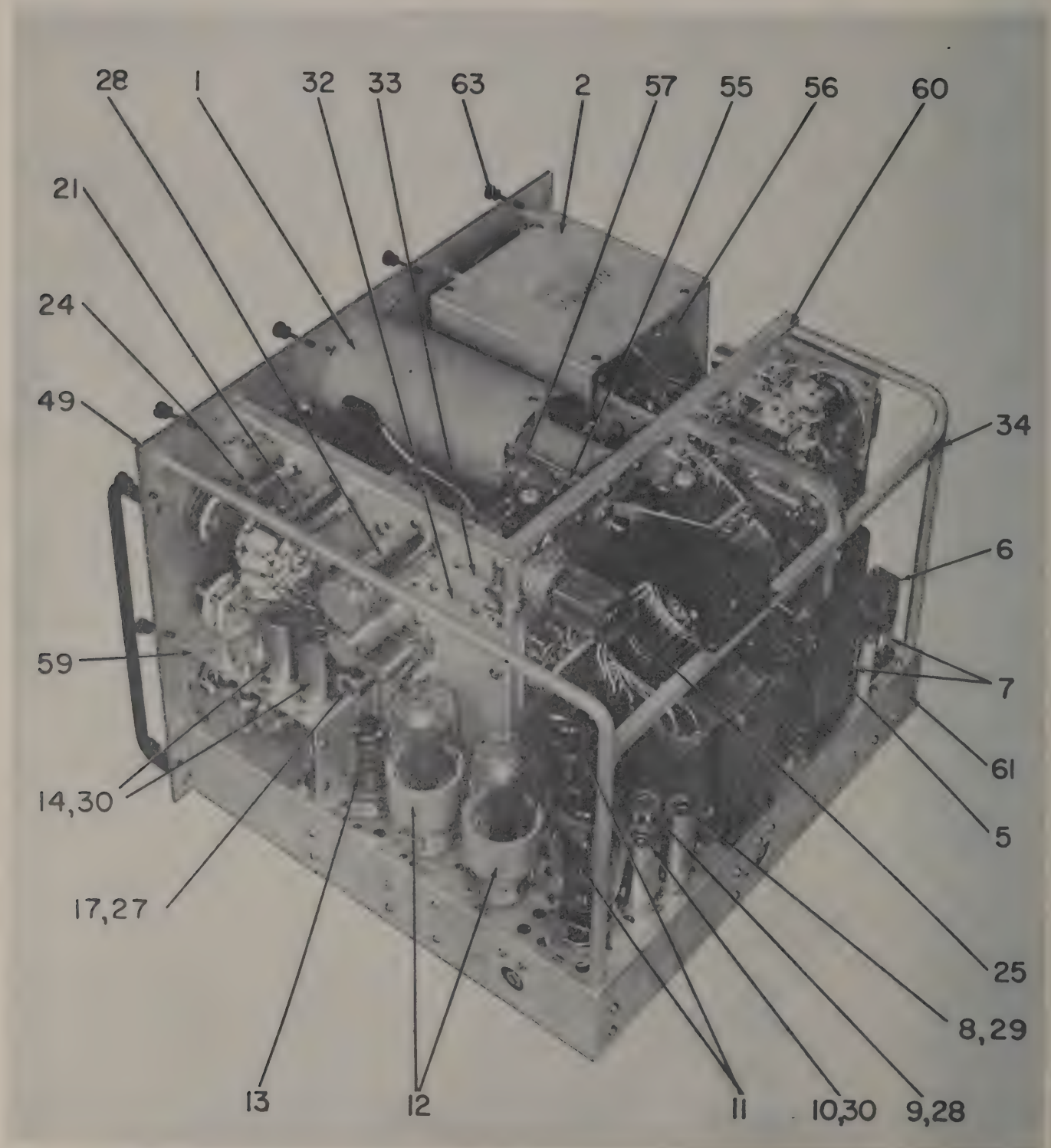


Figure 3. Pulse Generator Assembly, SG-30/UP (Sheet 1 of 3)

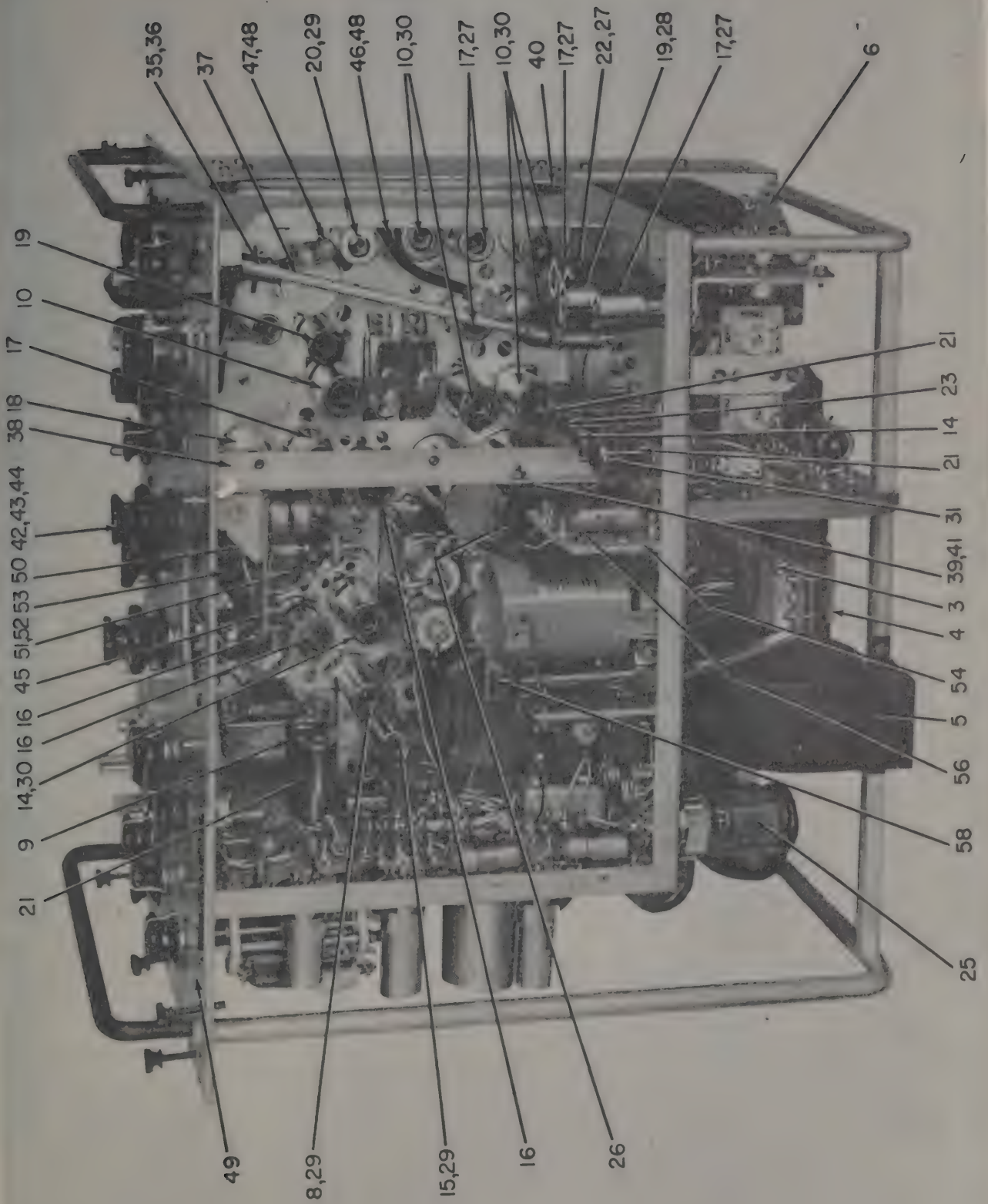


Figure 3. Pulse Generator Assembly, SG-30/UP (Sheet 2 of 3)

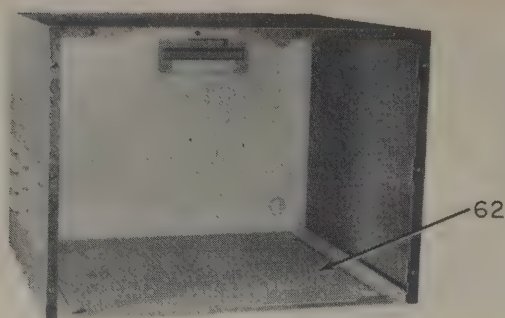


Figure 3. Pulse Generator Assembly SG-30/UP (Sheet 3 of 3)

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
3-	01-90954-1	PULSE GENERATOR ASSEMBLY, SG-30/UP	1	
-1	No number	. CATHODE RAY TUBE ASSEMBLY (See figure 4 for breakdown)	1	
-2	02-90986-1	. R-C OSCILLATOR CHASSIS ASSEMBLY (See figure 5-A and 5-B for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800614-480	. SCREW, Binding hd, No. 6-32 by 7/16 in.	2	
	70A-3800616-480	. SCREW, Binding hd, No. 6-32 by 1/2 in.	2	
	70D-4000704-80	. WASHER, Flat, No. 6	4	
		- - - *		
-3	81-90894-1	. CLAMP, Fan assembly	1	
-4	81-90894-2	. CLAMP, Fan assembly	1	
		(ATTACHING PARTS)		
	70A-3800814-480	. SCREW, Binding hd, No. 8-32 by 7/16 in.	4	
	70D-3010804-80	. WASHER, Split lock, No. 8	4	
	70C-3010804-80	. NUT, Hex, No. 8-32	4	
		- - - *		
-5	23-90907-1	. FAN ASSEMBLY, Centrifugal (See figure 6 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800814-480	. SCREW, Binding hd, No. 8-32 by 9/16 in.	4	
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010804-80	. WASHER, Split lock, No. 8	4	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
		- - - *		
-6	89-90951-1	. TERMINAL BOARD ASSEMBLY TB1009 (See figure 42 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
		- - - *		
-7	1Z2	. ELECTRON TUBE	2	
-8	0A2	. ELECTRON TUBE	2	
-9	6AU6	. ELECTRON TUBE	2	
-10	12AU7	. ELECTRON TUBE	7	
-11	6AS7G	. ELECTRON TUBE	2	
-12	5R4WGY	. ELECTRON TUBE	2	
-13	5Y3WGT	. ELECTRON TUBE	1	
-14	12AV7	. ELECTRON TUBE	4	
-15	6X4W	. ELECTRON TUBE	1	
-16	5763	. ELECTRON TUBE	3	
-17	5726/6AL5W	. ELECTRON TUBE	6	
-18	12AT7	. ELECTRON TUBE	1	
-19	6C4	. ELECTRON TUBE	2	
-20	6BN6	. ELECTRON TUBE	1	
-21	6AH6	. ELECTRON TUBE	5	
-22	5725/6AS6W	. ELECTRON TUBE	1	
-23	5687	. ELECTRON TUBE	1	
-24	5654/6AK5W	. ELECTRON TUBE	1	
-25	6L6WGB	. ELECTRON TUBE	1	
-26	6AG7	. ELECTRON TUBE	1	
-27	TS102U01	. SHIELD, Electron tube	8	
-28	TS102U02	. SHIELD, Electron tube	7	
-29	TS102U03	. SHIELD, Electron tube	4	
-30	TS103U02	. SHIELD, Electron tube	11	
-31	7C-24367-3	. CLAMP, Electron tube (hat)	7	
-32	71-81675-3	. KEY, Hex socket, No. 6	1	
-33	71-81675-4	. KEY, Hex socket, No. 8	1	
-34	1W-24111	. SUPPORT, Chassis and panel	1	
		(ATTACHING PARTS)		
	7M-24252-2	. SCREW, Painted Phillips hd, No. 10-24 by 1/2 in.	1	
	70A-3801016-480	. SCREW, Binding hd, No. 10-24 by 1/2 in.	3	
	70A-3800620-480	. SCREW, Binding hd, No. 6-32 by 5/8 in.	1	
	70D-3011004-80	. WASHER, Split lock, No. 10	3	
	70D-3010604-80	. WASHER, Split lock, No. 6	1	
		- - - *		

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
3-				
-35	1F-24260-2	COUPLING, Universal joint	2	
-36	81-90904-1	SHAFT, Control, 0.250 dia by 1-7/16 in. lg.	1	
-37	81-90904-4	SHAFT, Control, 0.250 dia by 6-1/2 in. lg.	1	
		(ATTACHING PARTS)		
	70A-8300806-480	SCREW, Headless set, hex socket, cup point, No. 8-32 by 3/16 in.	8	
		* - - - *		
	89-112118-1	R-C OSCILLATOR SUPPORT and BOARD ASSEMBLY	1	
-38	82-90988-1	SUPPORT, R-C Oscillator	1	
		(ATTACHING PARTS)		
	7M-24252-1	SCREW, Painted Phillips hd, No. 6-32 by 7/16 in.	1	
	70A-3800614-480	SCREW, Binding hd, No. 6-32 by 7/16 in.	1	
		* - - - *		
-39	73-90960-3	TERMINAL and WIRE ASSEMBLY	1	
-40	70-201500-106	CLAMP, Cable, plastic	2	
-41	70-201500-109	CLAMP, Cable, plastic	2	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	3	
	70A-3800616-480	SCREW, Binding hd, No. 6-32 by 1/2 in.	1	
	70D-4000704-80	WASHER, Flat, No. 6	4	
	70D-3010604-80	WASHER, Split lock, No. 6	4	
	70C-3010604-80	NUT, Hex, No. 6-32	4	
		* - - - *		
-42	89-112108-1	COUPLING and HUB ASSEMBLY	1	
-43	89-112111-1	COUPLING and SHAFT ASSEMBLY	1	
-44	89-112105-1	HUB and SHAFT ASSEMBLY	1	
-45	89-90945-2	TERMINAL BOARD ASSEMBLY, TB1003 (See figure 36 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	2	
		* - - - *		
-46	73-90977-1	CABLE ASSEMBLY, Coax	1	A
-47	73-90977-2	CABLE ASSEMBLY, Coax	1	B
	RG-62/U	CABLE, RF, 7-1/4 in. lg.	1	A
	RG-62/U	CABLE, RF, 15-3/4 in. lg.	1	B
	73-112135-2	TERMINAL, Lug, No. 6	1	B
-48	UG-260/U	CONNECTOR, Electrical plug	2	A, B
-49	89-90976-1	CONTROL PANEL ASSEMBLY (See figure 7 for breakdown)	1	
		(ATTACHING PARTS)		
	7M-24252-1	SCREW, Painted Phillips hd, No. 6-32 by 7/16 in.	17	
		* - - - *		
	89-90978-1	CAPACITOR ASSEMBLY, Pulse width	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	4	
	70D-3010604-80	WASHER, Split lock, No. 6	4	
		* - - - *		
-50	4V-24476	CAPACITOR, Variable, air, 2-section, 10-205 uuf, 2.2-27 uuf	1	
-51	89-90938-2	TERMINAL BOARD, TB705 (See figure 29)	1	
-52	71-81879-9	SPACER, Threaded, hex, 29/32 in. lg, No. 6-32 thd.	2	
-53	71-81879-10	SPACER, Threaded, hex, 1 in. lg, No. 6-32 thd.	2	
		(ATTACHING PARTS)		
	70A-3700616-480	SCREW, Fil hd, No. 6-32 by 1/2 in.	2	
	70A-3700620-480	SCREW, Fil hd, No. 6-32 by 5/8 in.	2	
	70D-4000704-80	WASHER, Flat, No. 6	4	
		* - - - *		
-54	81-90902-1	BRACKET, Terminal board mounting	4	
-55	81-90902-2	BRACKET, Terminal board mounting	2	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	6	
	70D-3010604-80	WASHER, Split lock, No. 6	6	
		* - - - *		
-56	89-90939-2	TERMINAL BOARD ASSEMBLY, TB901 (See figure 30 for breakdown)...	1	
-57	89-90923-2	TERMINAL BOARD ASSEMBLY, TB104 (See figure 14 for breakdown)...	1	
-58	89-90946-2	TERMINAL BOARD ASSEMBLY, TB1004 (See figure 37 for breakdown)...	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	12	
	70D-4000704-80	WASHER, Flat, No. 6	12	
	70D-3010604-80	WASHER, Split lock, No. 6	12	
		* - - - *		
-59	02-90980-1	MARKER GENERATOR CHASSIS ASSEMBLY (See figure 8 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	5	
		* - - - *		
-60	02-90982-1	VERTICAL CHASSIS ASSEMBLY (See figure 9 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	8	
	70A-3800614-480	SCREW, Binding hd, No. 6-32 by 7/16 in.	5	
	73-90846-2	TERMINAL, Ground lug, No. 6	1	
		* - - - *		
-61	02-90981-1	MAIN CHASSIS ASSEMBLY (See figure 10 for breakdown)	1	
-62	89-112099-1	CABINET and GASKET ASSEMBLY	1	
		(ATTACHING PARTS)		
-63	7Z-24130	SCREW, Knurled thumb, No. 10-32 by 1-5/16 in.	10	
	70A-3100816-480	SCREW, Flat hd, No. 8-32 by 1/2 in.	2	
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
		* - - - *		

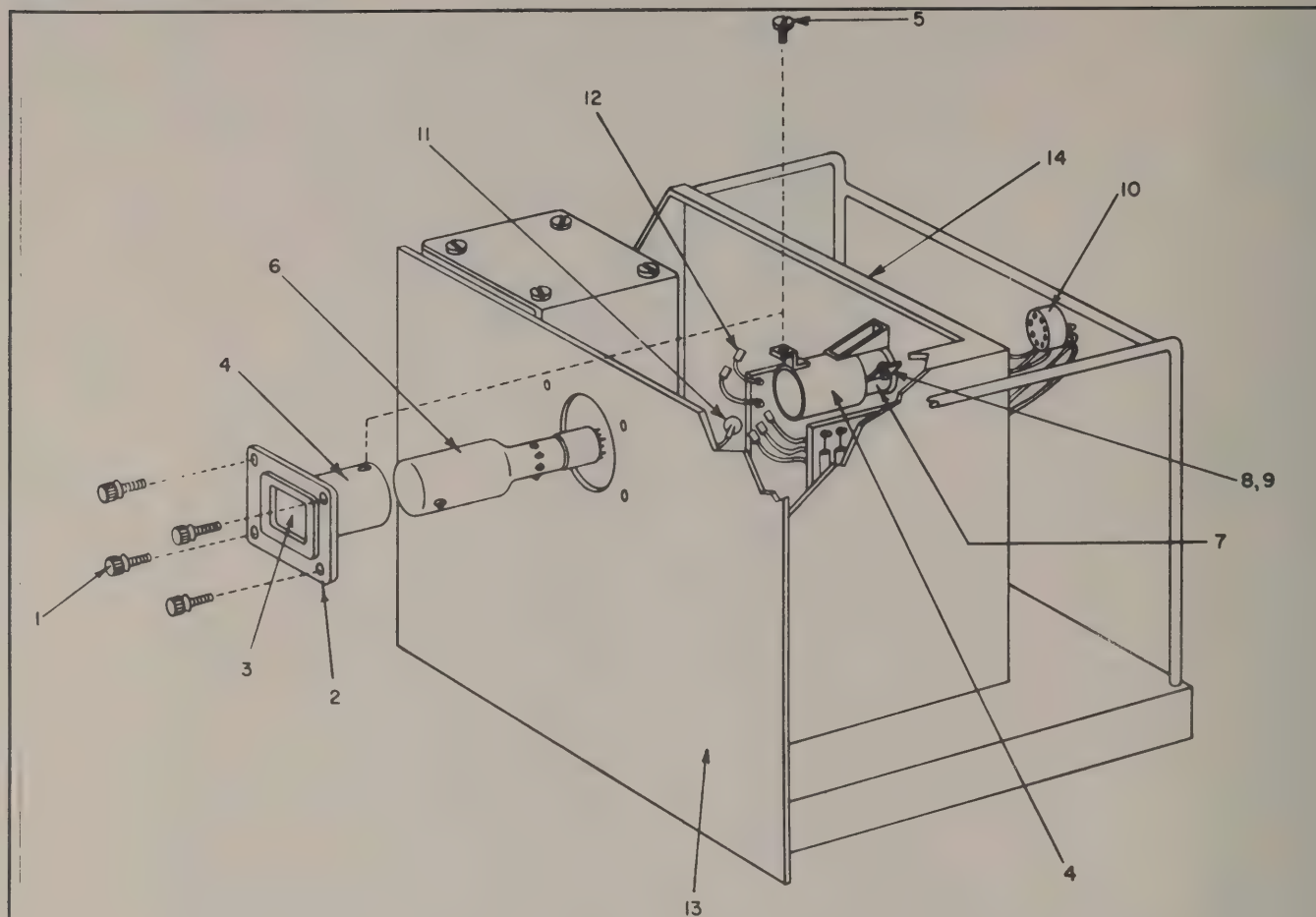


Figure 4. Cathode-Ray Tube Assembly

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
4-	No number	CATHODE-RAY TUBE ASSEMBLY (See figure 3 for next higher assembly)....	Ref	.....
	89-90962-1	. BEZEL and SHIELD ASSEMBLY	1	.....
		(ATTACHING PARTS)		
-1	7Z-24131	. SCREW, Knurled thumb, 13/16 in. lg. No. 6-32 thd.	4	.....
-2	1F-24615	. BEZEL, Modified	1	.....
-3	86-90668-1	. SCALE, Cathode ray tube, 3 in.	1	.....
-4	7Z-24165	. SHIELD, Cathode ray tube	1	.....
-5	70A-3800612-480	. . SCREW, Binding hd, No. 6-32 by 3/8 in.	1	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. . SCREW, Binding hd, No. 4-40 by 3/16 in.	2	.....
	70A-3800612-480	. . SCREW, Binding hd, No. 6-32 by 3/8 in.	2	.....
	70D-3010404-80	. . WASHER, Split lock, No. 4	2	.....
-6	13-90906-1	. ELECTRON TUBE, Cathode ray (DUM, K1065P-1)	1	.....
-7	81-90999-1	. CLAMP, Cathode ray tube	1	.....
-8	70A-3800620-480	. . SCREW, Binding hd, No. 6-32 by 5/8 in.	1	.....
-9	70C-3100604-80	. . NUT, Square, No. 6-32	1	.....
		(ATTACHING PARTS)		
	70A-3800620-480	. SCREW, Binding hd, No. 6-32 by 5/8 in.	2	.....
	70D-3010604-80	. WASHER, Split lock No. 6	2	.....
	77-112272-1	. SPRING, KRT rtg, 13/32 lg by 5/32 in. ID	2	.....
-10	7S-24876	. SOCKET, Cathode ray tube	1	.....
-11	73-112133-1	. LEAD ASSEMBLY, Anode	1	.....
-12	73-112116	. CLIP and LEAD ASSEMBLY	5	.....
-13	84-90993-1	. PANEL, Control (See figure 7)	Ref	.....
-14	82-90970-1	. CHASSIS, Vertical (See figure 9)	Ref	.....

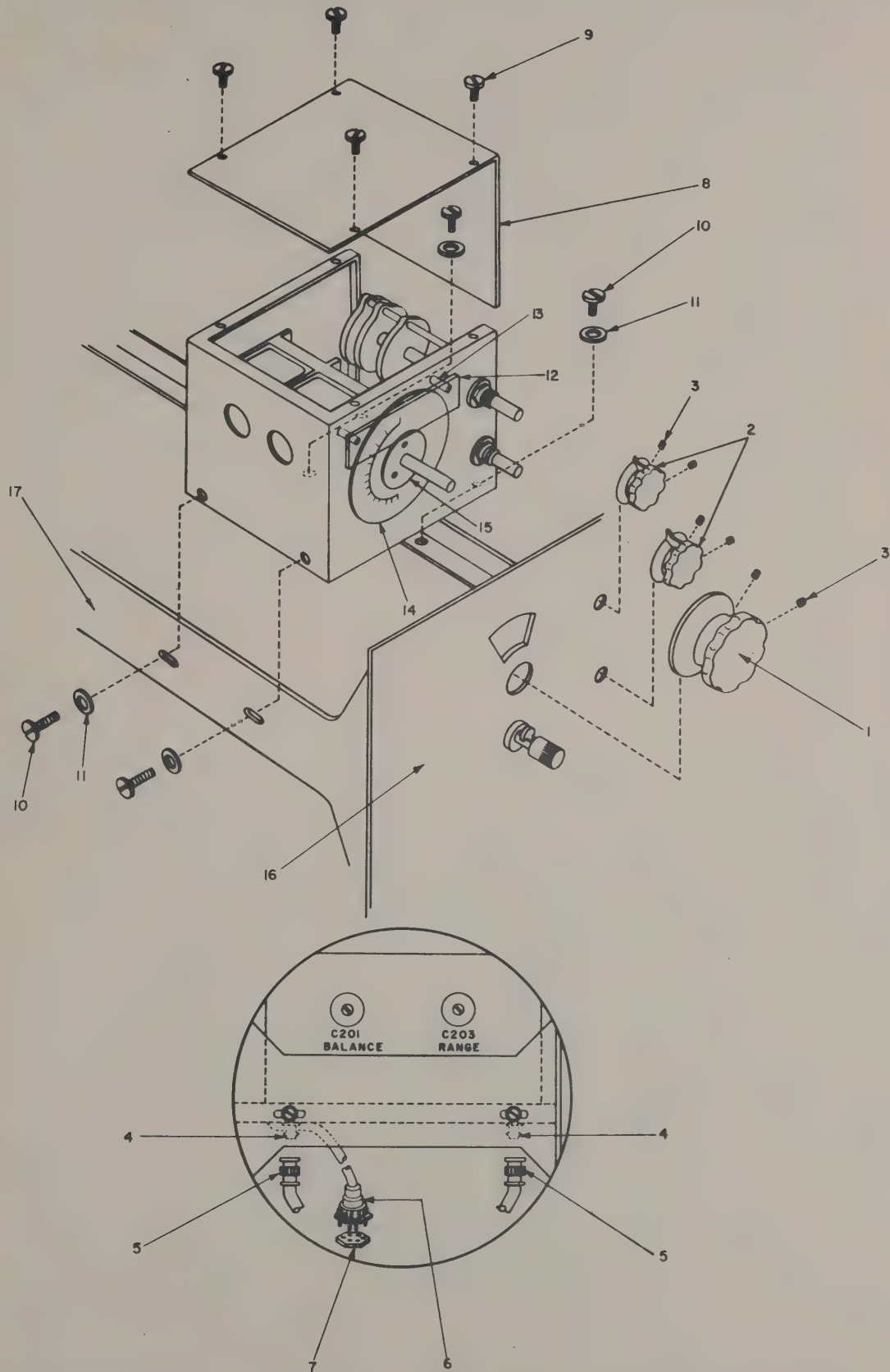


Figure 5A. R-C Oscillator Chassis Assembly

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
5A-	02-90986-1	R-C OSCILLATOR CHASSIS ASSEMBLY (See figure 3 for next higher assembly)		
-1	74-112104-1	. KNOB ASSEMBLY (See figure 7)	Ref	
-2	74-112100-1	. KNOB, Pointer (See figure 7)	Ref	
		(ATTACHING PARTS)		
-3	70A-8300806-480	. SCREW, Headless set, No. 8-32	Ref	
-4	UG-185/U	. CONNECTOR, Receptacle (See item 33, figure 5B)	Ref	
-5	73-90977	. CABLE and CONNECTOR ASSEMBLY (See items 46 and 47, figure 3)	Ref	
-6	73-90974-1	. CABLE and CONNECTOR ASSEMBLY (See item 25, figure 5B)	Ref	
-7	7A-24229	. CONNECTOR, Receptable (See item 70, figure 10)	Ref	
-8	89-90987-1	. COVER and BOARD ASSEMBLY	1	
		(ATTACHING PARTS)		
-9	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	4	
-10	70A-3800614-480	. SCREW (See item 2, figure 3)	Ref	
-11	70D-4010704-80	. WASHER (See item 2, figure 3)	Ref	
-12	1F-24109	. DIAL, Hairline	1	
		(ATTACHING PARTS)		
	70A-3100610-480	. SCREW, Flat hd, No. 6-32 by 5/16 in.	2	
-13	71-81879-7	. SPACER, Threaded hex, 1/2 in. lg No. 6-32 thd.	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3120604-80	. WASHER, External tooth lock, No. 6	2	
-14	74-112096-1	. DIAL, R-C Oscillator	1	
-15	1F-24105	. PLATE, Dial	1	
		(ATTACHING PARTS)		
	70A-3800412-480	. SCREW, Binding hd, No. 4-40 by 3/8 in.	3	
-16	84-90993-1	. PANEL, Control (See figure 7)	Ref	
-17	82-90970-1	. CHASSIS, Vertical (See figure 9)	Ref	

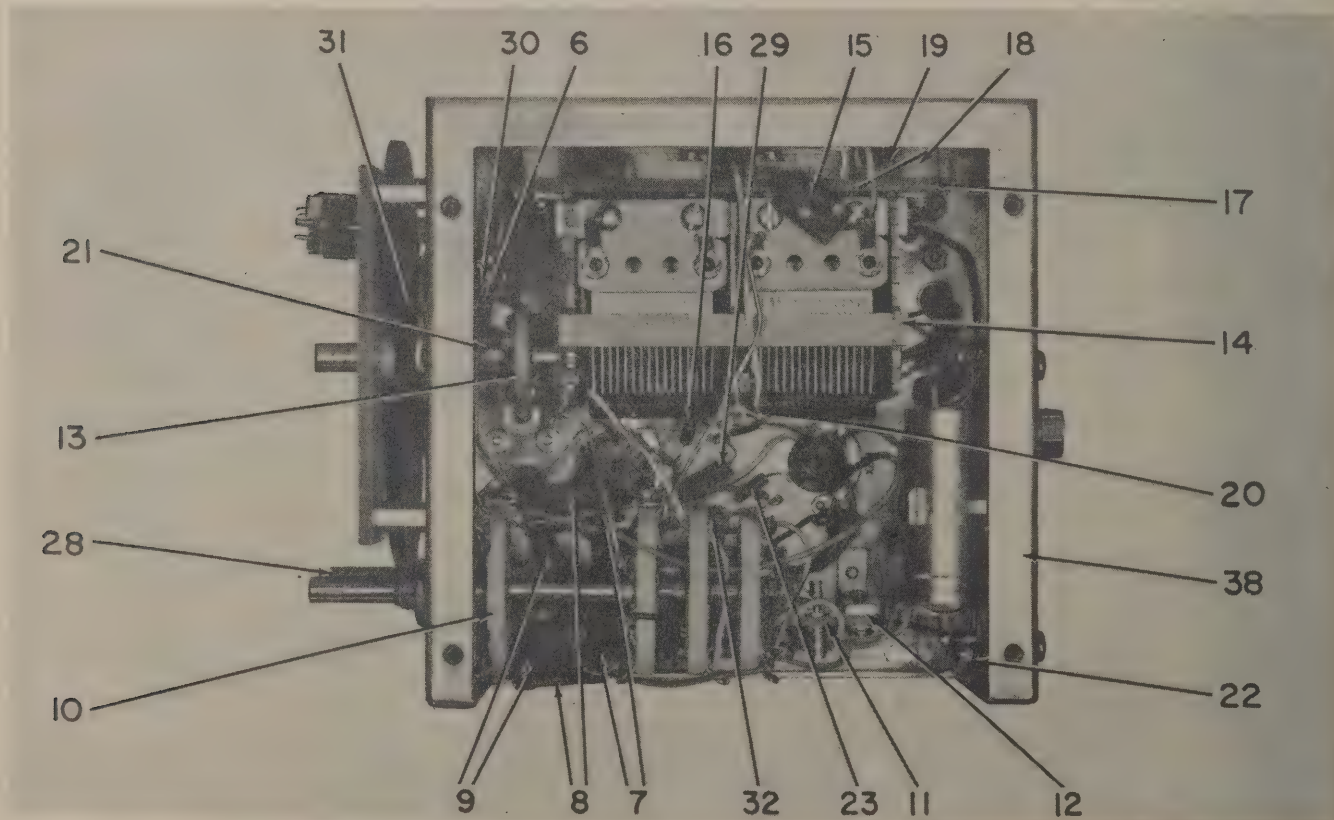


Figure 5B. R-C Oscillator Chassis Assembly-Interior View (Sheet 1 of 2)

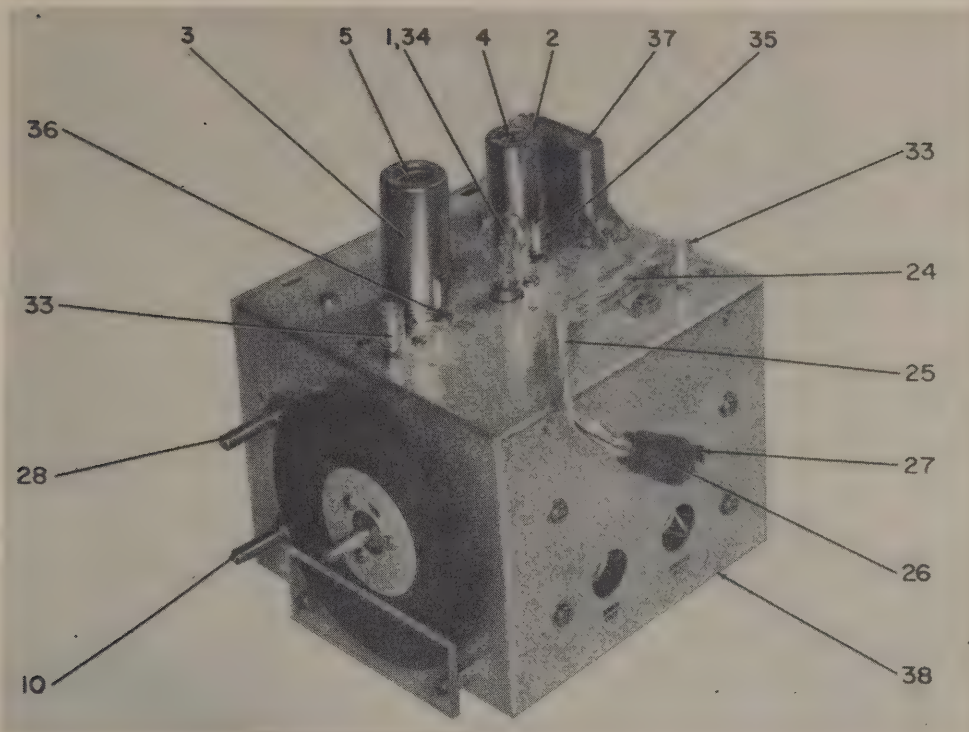


Figure 5B. R-C Oscillator Chassis Assembly-Exterior View (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
5B-	02-90986-1	R-C OSCILLATOR CHASSIS ASSEMBLY (See figure 3 for next higher assembly)	Ref	
-1	30-90837-1	. LAMP, Incandescent, 120V, 3w	1	
-2	TS102U02	. SHIELD, Electron tube	1	
-3	TS103U02	. SHIELD, Electron tube	1	
-4	6AH6	. ELECTRON TUBE	1	
-5	12AU7	. ELECTRON TUBE	1	
-6	30-200004-44	. LAMP, Incandescent, 6-8V, 0.25 amp	1	
	89-90973-1	. SWITCH and RESISTORS ASSEMBLY	1	
-7	RN25R1303F	. . RESISTOR, Fixed, film 130K $\pm 1\%$, 1w	2	
-8	RN25R1304F	. . RESISTOR, Fixed, film 1.3 meg $\pm 1\%$, 1w	2	
-9	RN30X1305F	. . RESISTOR, Fixed, film 13 meg $\pm 1\%$, 2w	2	
-10	33-112115-1	. . SWITCH, Rotary, 3 wafer (supersedes Part No. H2R-24539 OAK)	1	
	No number	(ATTACHING PARTS)		
	No number	. . WASHER, Internal tooth lock, 3/8 in. ID	1	
	No number	. . NUT, Hex, No. 3/8-32	1	
		- - - * - - -		
-11	89-90925-2	. TERMINAL BOARD ASSEMBLY, TB202 (See figure 16 for breakdown)	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	4	
	70D-3010604-80	. WASHER, Split lock, No. 6	4	
	70D-4000704-80	. WASHER, Flat, No. 6	4	
		- - - * - - -		
-12	81-90902-1	. BRACKET, Terminal board mounting	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
		- - - * - - -		
	89-90972-1	. CAPACITOR ASSEMBLY, Tuning	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	2	
	70A-3800608-480	. SCREW, Binding hd, No. 6-32 by 1/4 in.	2	
	71-81857-10	. WASHER, Flat, nylon, No. 6	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	4	
		- - - * - - -		
-13	89-90838-1	. COUPLING, Rigid	1	
		(ATTACHING PARTS)		
	70A-8300606-480	. . SCREW, Headless set, hex socket, cup point, stainless steel, No. 6-32 by 3/16 in.	4	
		- - - * - - -		
-14	42-112119-1	. . CAPACITOR, Variable, air, 2 sections each 13.5 — 603uuf, 500V (supersedes Part No. 4V-24234)	1	

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
5B-				
-15	CM20B240K	. . CAPACITOR, Fixed, mica, 24uuf $\pm 10\%$, 500V	1	.....
-16	RC20GF470K	. . RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 1/2w	1	.....
-17	89-90926-1	. . TERMINAL BOARD ASSEMBLY, TB203 (See figure 17 for breakdown)	1	.....
-18	86-90665-1	. . INSULATOR, Post 3/8 dia by 1/2 in. lg	2	.....
-19	86-90665-3	. . INSULATOR, Post, 1/2 dia by 11/16 in. lg	2	.....
		(ATTACHING PARTS)		
	70A-3800612-480	. . SCREW, Binding hd, No. 6-32 by 3/8 in.	4	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	4	.....
	71-81857-9	. . WASHER, Nylon, No. 6, 3/8 in. OD	2	.....
	71-81857-10	. . WASHER, Nylon, No. 6, 1/2 in. OD	2	.....
		- - - * - - -		
-20	73-90846-2	. . TERMINAL, Ground lug, internal tooth	2	.....
		(ATTACHING PARTS)		
	70A-3800608-480	. . SCREW, Binding hd, No. 6-32 by 1/4 in.	2	.....
	70C-3010604-80	. . NUT, Hex, No. 6	2	.....
		- - - * - - -		
-21	81-90904-3	. . SHAFT, Control, 0.250 dia by 5/8 in. lg	1	.....
		(ATTACHING PARTS)		
	70A-8300606-480	. . SCREW, Headless set, hex socket, cup point, No. 6-32 by 3/16 in.	2	.....
		- - - * - - -		
-22	89-90924-2	. . TERMINAL BOARD ASSEMBLY, TB201 (See figure 15 for breakdown)....	1	.....
		(ATTACHING PARTS)		
	70A-3800612-480	. . SCREW, Binding hd, No. 6-32 by 3/8 in.	4	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	4	.....
		- - - * - - -		
-23	RC20GF101J	. . RESISTOR, Fixed, composition, 100 ohms $\pm 5\%$, 1/2w	1	.....
-24	70-201500-106	. . CLAMP, Cable, plastic	1	.....
		(ATTACHING PARTS)		
	70A-3800614-480	. . SCREW, Binding hd, No. 6-32 by 7/16 in.	1	.....
	70D-4000704-80	. . WASHER, Flat, No. 6	1	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	1	.....
	70C-3010604-80	. . NUT, Hex, No. 6	1	.....
		- - - * - - -		
-25	73-90974-1	. . CABLE and CONNECTOR ASSEMBLY	1	.....
-26	7A-24237	. . CONNECTOR, Male receptacle	1	.....
-27	8N-24268	. . SHIELD, Electrical connector	1	.....
-28	3V-24334	. . RESISTOR, Variable, 200K $\pm 20\%$, 2w	1	.....
		(ATTACHING PARTS)		
	No number	. . WASHER, Internal tooth lock, 3/8 in. ID	1	.....
	No number	. . NUT, Hex, No. 3/8-32	1	.....
		- - - * - - -		
-29	CM20D331J	. . CAPACITOR, Fixed, mica, 330uuf $\pm 5\%$, 500V	1	.....
-30	73-90673-1	. . LAMPHOLDER, Bayonet base indicator lamp	1	.....
		(ATTACHING PARTS)		
	70A-3800614-480	. . SCREW, Binding hd, No. 6-32 by 7/16 in.	1	.....
	70D-4000704-80	. . WASHER, Flat, No. 6	1	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	1	.....
	70C-3010604-80	. . NUT, Hex, No. 6	1	.....
		- - - * - - -		
-31	83-90842-1	. . DRIVE, Vernier tuning	1	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. . SCREW, Binding hd, No. 6-32 by 5/16 in.	3	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	3	.....
	70C-3010604-80	. . NUT, Hex, No. 6	3	.....
		- - - * - - -		
-32	7T-24326	. . TERMINAL, Insulated standoff	1	.....
		(ATTACHING PARTS)		
	70D-3010604-80	. . WASHER, Split lock, No. 6	1	.....
	70C-3010604-80	. . NUT, Hex, No. 6	1	.....
		- - - * - - -		
-33	UG-185/U	. . CONNECTOR, Receptacle	2	.....
		(ATTACHING PARTS)		
	70A-3800410-480	. . SCREW, Binding hd, No. 4-40 by 5/16 in.	8	.....
	70D-3010404-80	. . WASHER, Split lock No. 4	8	.....
	70C-3010404-80	. . NUT, Hex, No. 4	8	.....
		- - - * - - -		
-34	73-90674-1	. . LAMPHOLDER, Screw base indicator lamp	1	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. . SCREW, Binding hd, No. 6-32 by 5/16 in.	2	.....
	70D-3010604-80	. . WASHER, Split lock, No. 6	2	.....
	70C-3010604-80	. . NUT, Hex, No. 6	2	.....
		- - - * - - -		
-35	TS102P01	. . SOCKET, Electron tube, 7 pin	1	.....
-36	TS103P01	. . SOCKET, Electron tube, 9 pin	1	.....
		(ATTACHING PARTS)		
	70A-3800408-480	. . SCREW, Binding hd, No. 4-40 by 1/4 in.	4	.....
	70D-3010404-80	. . WASHER, Split lock No. 4	4	.....
	70-90840-4	. . NUT, Strap	1	.....
	70-90840-5	. . NUT, Strap	1	.....
		- - - * - - -		
-37	CP69B5EF104V	. . CAPACITOR, Fixed, paper, 3-section, each 0.1uf $\pm 20\%$ -10% , 600vdcw	1	.....
		(ATTACHING PARTS)		
	70A-3800612-480	. . SCREW, Binding hd, No. 6-32 by 3/8 in.	2	.....
		- - - * - - -		
-38	82-90975-1	. . CHASSIS, R-C Oscillator, riveted	1	.....

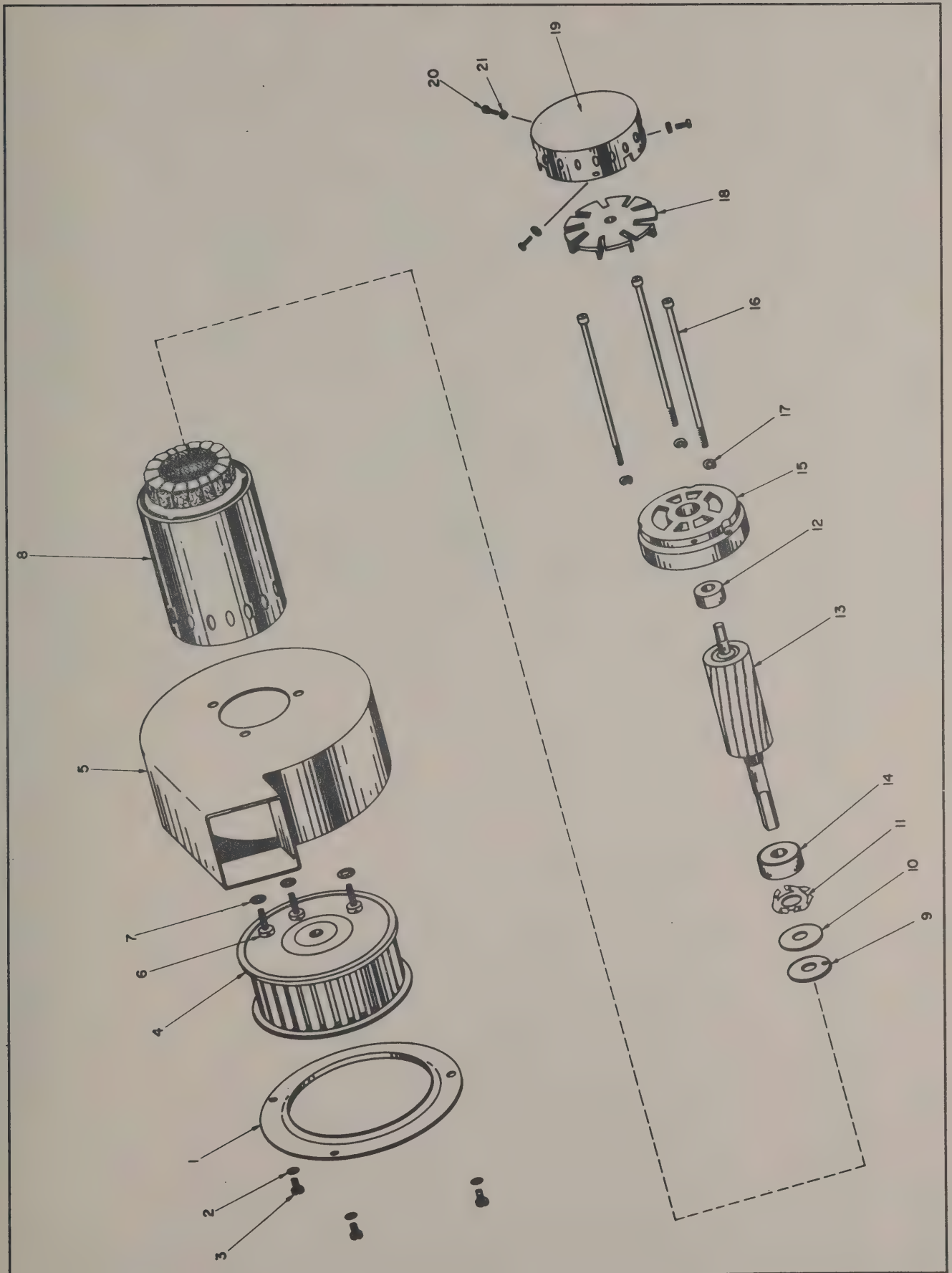
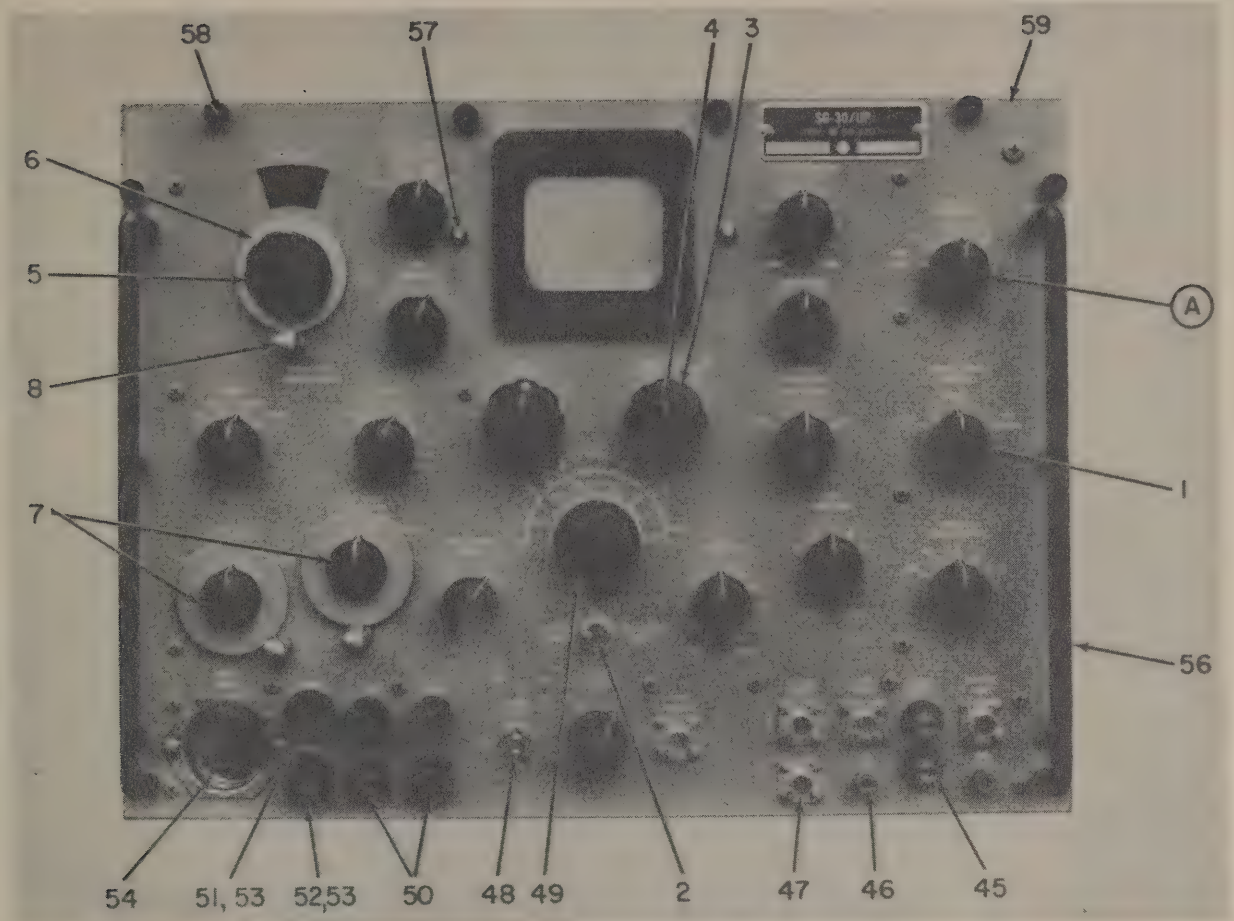


Figure 6. Centrifugal Fan Assembly

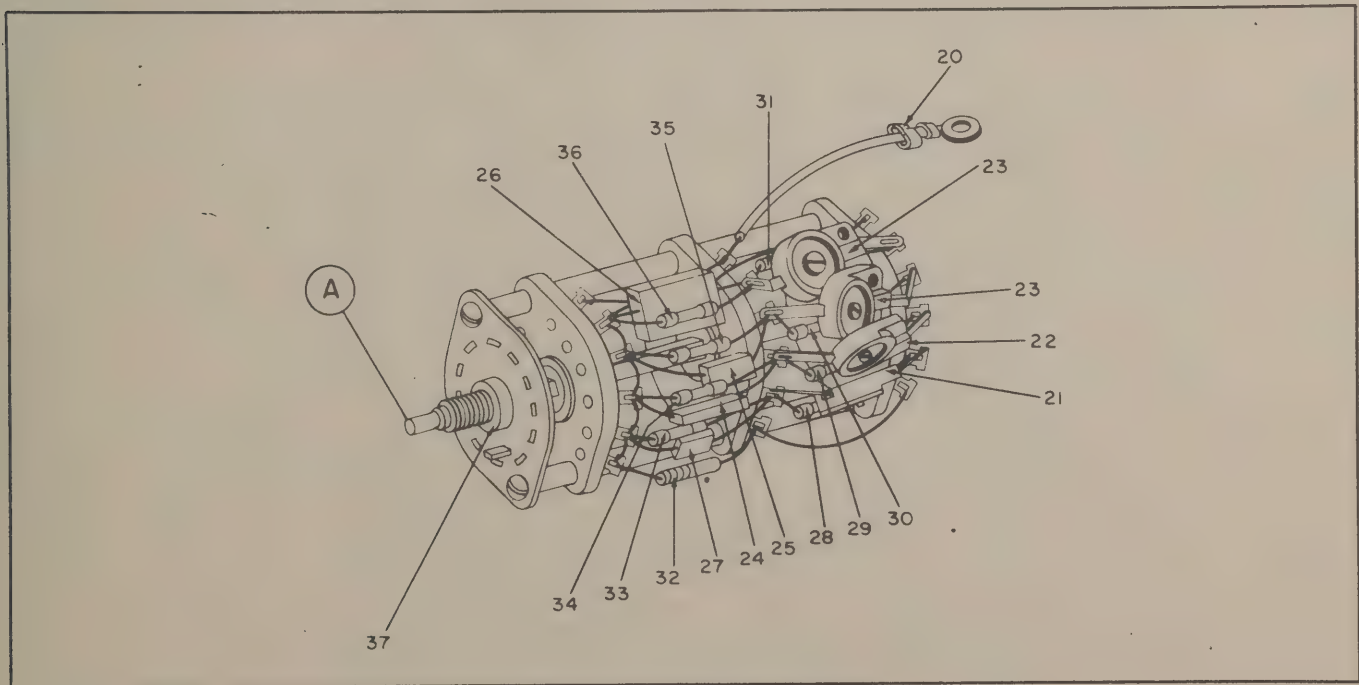
Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
6-	23-90907-1	FAN ASSEMBLY, Centrifugal (See figure 3 for next higher assembly)	Ref	
-1	No number	. RING, Housing inlet	1	
		(ATTACHING PARTS)		
-2	No number	. SCREW, Self tapping, No. 4 by 1/4 in.	3	
-3	No number	. WASHER, Internal tooth lock, No. 4	3	
		- - - * - - -		
-4	23-112278-1	. IMPELLER, Centrifugal fan	1	
		(ATTACHING PARTS)		
	No number	. SCREW, Headless set, hex socket, cup point, No. 10-32 by 1/4 in.	2	
		- - - * - - -		
-5	81-112276-1	. HOUSING, Centrifugal fan	1	
		(ATTACHING PARTS)		
-6	No number	. SCREW, Binding hd, No. 6-32 by 1/4 in.	3	
-7	No number	. WASHER, Internal tooth lock, No. 6	3	
		- - - * - - -		
	23-112274-1	. MOTOR, Centrifugal fan	1	
-8	No number	. . STATOR, Motor	1	
-9	No number	. . WASHER, Indexing	1	
-10	No number	. . SPACER, Bearing	1	
-11	No number	. . SPRING, Bearing loading	1	
-12	76-112277-1	. . BEARING, Ball, motor, front	1	
-13	No number	. . ROTOR, Motor	1	
-14	76-112277-2	. . BEARING, Ball, motor, rear	1	
-15	No number	. . BELL, End	1	
		(ATTACHING PARTS)		
-16	No number	. . SCREW, Fil hd, No. 4-40 by 2-7/16 in.	3	
-17	No number	. . WASHER, Split lock, No. 4	3	
		- - - * - - -		
-18	No number	. . FAN, Motor cooling	1	
		(ATTACHING PARTS)		
	No number	. . SCREW, Headless set, hex socket, cup point, No. 5-40 by 3/32 in.	2	
		- - - * - - -		
-19	No number	. . CAP, Shroud	1	
		(ATTACHING PARTS)		
-20	No number	. . SCREW, Fil hd, No. 2-56 by 3/16 in.	3	
-21	No number	. . WASHER, Split lock, No. 2	3	
		- - - * - - -		
7-	89-90976-1	CONTROL PANEL ASSEMBLY (See figure 3 for next higher assembly)	Ref	
-1	74-112100-1	. KNOB, Pointer, 1-1/16 in. dia	14	
-2	74-112101-4	. KNOB, Round, 1-1/2 in. dia	1	
-3	74-112101-5	. KNOB, Round, 1-1/2 in. dia	2	
-4	74-112102-2	. KNOB, Round, 23/32 in. dia	2	
	74-112104-1	. KNOB ASSEMBLY	1	
-5	74-112101-3	. . KNOB, Round, 1-1/16 in. dia	1	
-6	81-112103-1	. . PLATE, Knob lock, 2 in. dia	1	
	74-112104-2	. KNOB ASSEMBLY	2	
-7	74-112100-2	. . KNOB, Pointer, 1-1/16 in. dia	2	
	81-112103-1	. . PLATE, Knob lock, 2 in. dia	2	
		(ATTACHING PARTS)		
	70A-8300806-480	. SCREW, Headless set, hex socket, cup point, No. 8-32 by 3/16 in.	36	
	70A-8300808-480	. SCREW, Headless set, hex socket, cup point, No. 8-32 by 1/4 in.	8	
		- - - * - - -		
-8	70-112097-1	. LOCK, Control	3	
		(ATTACHING PARTS)		
	No number	. WASHER, Split lock, phosphor bronze, No. 10	3	
	No number	. NUT, Hex, brass, No. 10-32	3	
		- - - * - - -		
-9	RC20GF104K	. RESISTOR, Fixed, composition, 100K $\pm 10\%$, 1/2w	1	
-10	70-201604-082	. GROMMET, Rubber, for 1/2 in. chassis hole	1	
-11	89-112117-1	. SWITCH ASSEMBLY, Vertical selector	1	
	2R-24538	. . SWITCH, Rotary, 2 wafer	1	
	89-90961-1	. SWITCH ASSEMBLY, Vertical calibration	1	
-12	RN20R1803F	. . RESISTOR, Fixed, film, 180K $\pm 1\%$, 1/2w	1	
-13	RN20R1802F	. . RESISTOR, Fixed, film, 18K $\pm 1\%$, 1/2w	1	
-14	RN20R1941F	. . RESISTOR, Fixed, film, 1.94K $\pm 1\%$, 1/2w	1	
-15	2R-24540	. . SWITCH, Rotary, 1 wafer	1	
	89-90963-1	. SWITCH ASSEMBLY, Pulse width	1	
-16	RC20GF272J	. . RESISTOR, Fixed, composition, 27K $\pm 5\%$, 1/2w	1	
-17	33-90672-1	. . SWITCH, Rotary, 1 wafer	1	
	89-90964-1	. SWITCH ASSEMBLY, Pulse polarity	1	
-18	RC20GF511J	. . RESISTOR, Fixed, composition, 51 ohms $\pm 5\%$, 1/2w	2	
-19	33-90671-1	. . SWITCH, Rotary, 2 wafer	1	
	89-90959-1	. SWITCH ASSEMBLY, Vertical attenuation	1	
-20	73-90960-2	. . TERMINAL and WIRE ASSEMBLY	1	
-21	CV11C300	. . CAPACITOR, Variable, ceramic, 4-30uuf, 500V	1	
-22	CV11B200	. . CAPACITOR, Variable, ceramic, 5-20uuf, 500V	1	
-23	CV11B130	. . CAPACITOR, Variable, ceramic, 3-13uuf, 500V	2	
-24	CM20C101J	. . CAPACITOR, Fixed, mica, 100uuf $\pm 5\%$, 500V	1	
-25	CM20D331J	. . CAPACITOR, Fixed, mica, 330uuf $\pm 5\%$, 500V	1	
-26	CM30D122J	. . CAPACITOR, Fixed, mica, 1200 uuf $\pm 5\%$, 500V	1	
-27	CM15B220J	. . CAPACITOR, Fixed, mica, 22uuf $\pm 5\%$, 300V	1	
-28	RN20X6703F	. . RESISTOR, Fixed, film, 670K $\pm 1\%$, 1/2w	1	
-29	RN20X9003F	. . RESISTOR, Fixed, film, 900K $\pm 1\%$, 1/2w	1	



Front View



Vertical Attenuation Switch

Figure 7. Control Panel Assembly (Sheet 1 of 2)

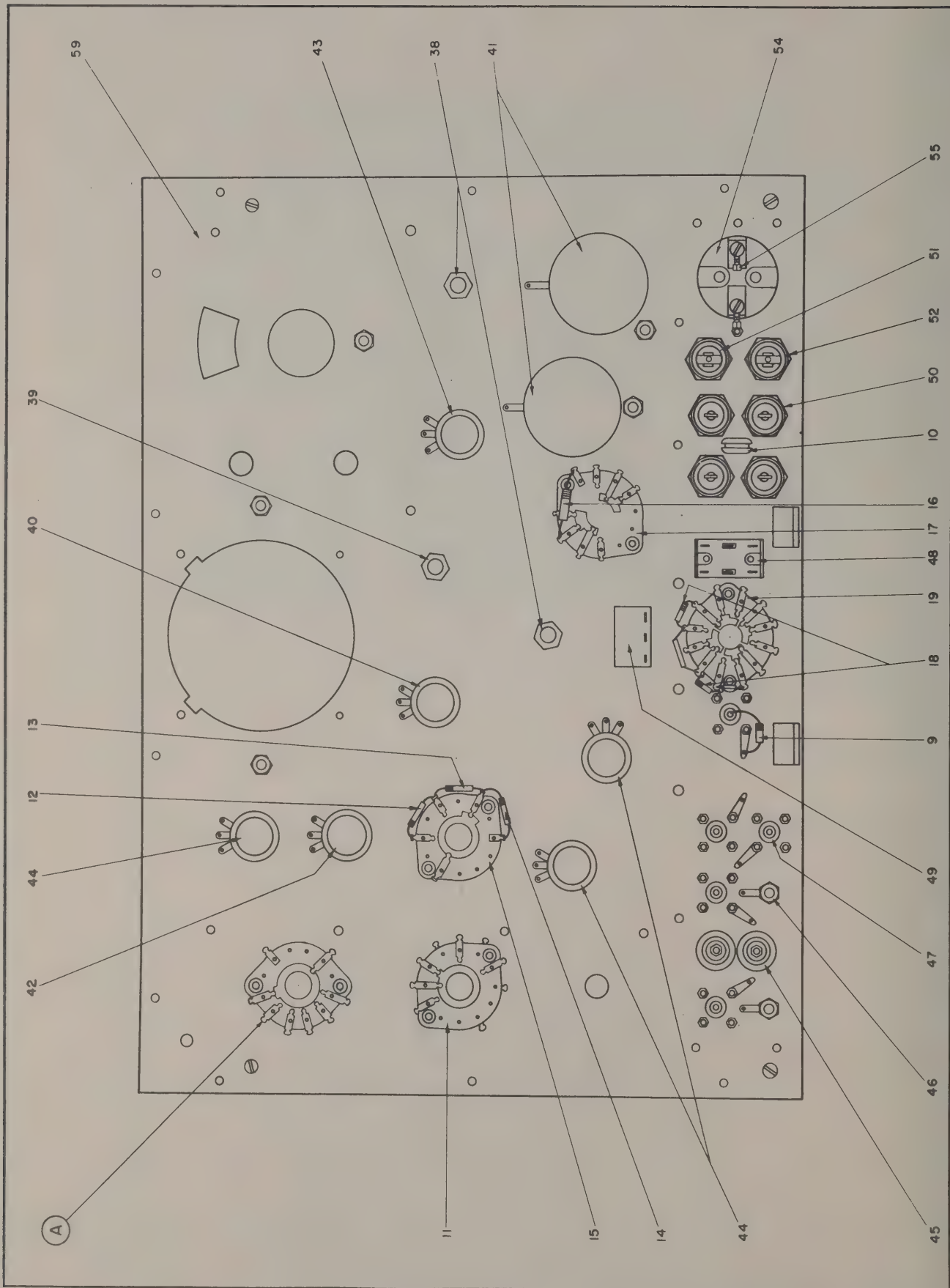


Figure 7. Control Panel Assembly (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
7-30	RN20X9703F	. . . RESISTOR, Fixed, film, 970K $\pm 1\%$, 1/2w	1	
-31	RN20X9903F	. . . RESISTOR, Fixed, film, 990K $\pm 1\%$, 1/2w	1	
-32	RC20GF105J	. . . RESISTOR, Fixed, composition, 1 meg $\pm 5\%$, 1/2w	1	
-33	RN20R3303F	. . . RESISTOR, Fixed, film, 330K $\pm 1\%$, 1/2w	1	
-34	RN20R1003F	. . . RESISTOR, Fixed, film, 100K $\pm 1\%$, 1/2w	1	
-35	RN20R3302F	. . . RESISTOR, Fixed, film, 33K $\pm 1\%$, 1/2w	1	
-36	RN20R1002F	. . . RESISTOR, Fixed, film, 10K $\pm 1\%$, 1/2w	1	
-37	2R-24537	. . . SWITCH, Rotary, 3 wafer	1	
-38	76-90664-1	. . . BEARING, Sleeve, 0.257 in. ID	2	
-39	76-90664-2	. . . BEARING, Sleeve, 0.272 in. ID	1	
		(ATTACHING PARTS)		
	70D-3102004-80	. . . WASHER, Internal tooth lock, 3/8 in. ID	3	
	71-81956-2	. . . NUT, Hex, No. 3/8-32	3	
-40	3V-24118	. . . RESISTOR, Variable, dual, 300K, 300K, $\pm 20\%$, 2w	1	
-41	3R-24339	. . . RESISTOR, Variable, 5K $\pm 5\%$, 3w	2	
-42	RV4ATSC154B	. . . RESISTOR, Variable, 150K $\pm 20\%$, 2w	1	
-43	RV4ATSC104B	. . . RESISTOR, Variable, 100K $\pm 20\%$, 2w	1	
-44	RV4ATSC102B	. . . RESISTOR, Variable, 1K $\pm 20\%$, 2w	3	
		(ATTACHING PARTS)		
	71-81949-21	. . . WASHER, Internal tooth lock, 3/8 in. ID	6	
	70D-3102004-80	. . . WASHER, Internal tooth lock, 3/8 in. ID	5	
	71-81956-2	. . . NUT, Hex, No. 3/8-32	5	
-45	7Z-25170	. . . POST, Binding	2	
		(ATTACHING PARTS)		
	70D-4000704-80	. . . WASHER, Flat, No. 6	2	
	70D-3010604-80	. . . WASHER, Split lock, No. 6	2	
	70C-3010604-80	. . . NUT, Hex, No. 6-32	2	
-46	73-90847-2	. . . POST, Ground binding	2	
		(ATTACHING PARTS)		
	70D-3011004-80	. . . WASHER, Split lock, No. 10	2	
	73-100103-1	. . . TERMINAL, Solder	2	
	70C-3806004-80	. . . NUT, Hex, No. 10-32	2	
-47	UG-185/U	. . . CONNECTOR, Female electrical receptacle	5	
		(ATTACHING PARTS)		
	70A-3800412-480	. . . SCREW, Binding hd, No. 4-40 by 3/8 in.	20	
	70D-3010404-80	. . . WASHER, Split lock, No. 4	20	
	73-100103-1	. . . TERMINAL, Solder	5	
	70C-3010404-80	. . . NUT, Hex, No. 4-40	20	
-48	ST22N	. . . SWITCH, Toggle, dpdt	1	
-49	ST12D	. . . SWITCH, Toggle, spdt	1	
		(ATTACHING PARTS)		
	No number	. . . WASHER, Internal Tooth Lock, 15/32 in. ID	2	
	No number	. . . NUT, Hex, No. 15/32-32	4	
-50	73-90841-1	. . . HOLDER, Fuse, post type	4	
		(ATTACHING PARTS)		
	70D-3102804-80	. . . WASHER, Internal tooth lock, 5/8 in. ID	4	
	No number	. . . WASHER, Neoprene, 5/8 in. ID	4	
	No number	. . . NUT, Hex, No. 5/8-18	4	
	F03G5R00B	. . . FUSE, Cartridge, 5 amp, 125V	4	
-51	6T-24277-1	. . . LIGHT, Red indicator	1	
-52	6T-24277-2	. . . LIGHT, Amber indicator	1	
		(ATTACHING PARTS)		
	No number	. . . WASHER, Fiber, 11/16 in. ID	2	
	No number	. . . WASHER, Split lock, 11/16 in. ID	2	
	No number	. . . NUT, Hex, No. 11/16-27	2	
-53	30-200004-44	. . . LAMP, Incandescent, 6-8V	2	
-54	7A-18069	. . . CONNECTOR, Male electrical receptacle	1	
		(ATTACHING PARTS)		
	70A-3800614-480	. . . SCREW, Binding hd, No. 6-32 by 7/16 in.	1	
	70A-3800612-480	. . . SCREW, Binding hd, No. 6-32 by 3/8 in.	1	
	70D-3010604-80	. . . WASHER, Split lock, No. 6	1	
	70C-3010604-80	. . . NUT, Hex, No. 6-32	1	
-55	73-90846-3	. . . TERMINAL, Ground Lug, No. 8	2	
-56	7H-24108	. . . HANDLE, Panel	2	
		(ATTACHING PARTS)		
	70A-3101016-480	. . . SCREW, Flat hd, No. 10-24 by 1/2 in.	4	
-57	81-90897-1	. . . STUD, Snapslide	2	
		(ATTACHING PARTS)		
	70D-3011004-80	. . . WASHER, Split lock, No. 10	2	
	70C-3011004-80	. . . NUT, Hex, No. 10-24	2	
-58	7Z-24130	. . . SCREW, Knurled thumb (See item 63, figure 3)	Ref	
-59	84-90993-1	. . . PANEL, Control, marked	1	

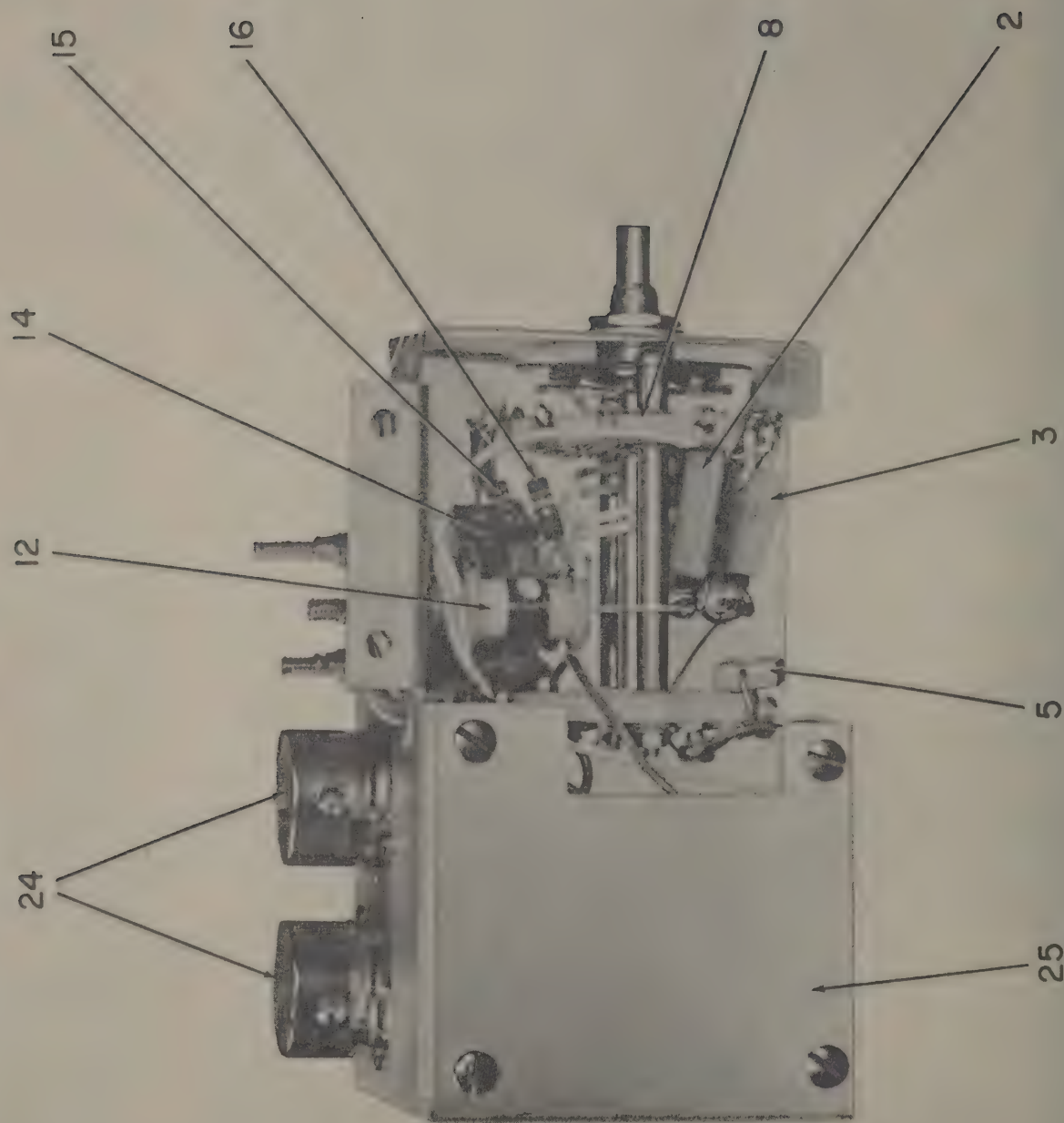


Figure 8. Marker Generator Chassis Assembly-Left Side View (Sheet 1 of 2)

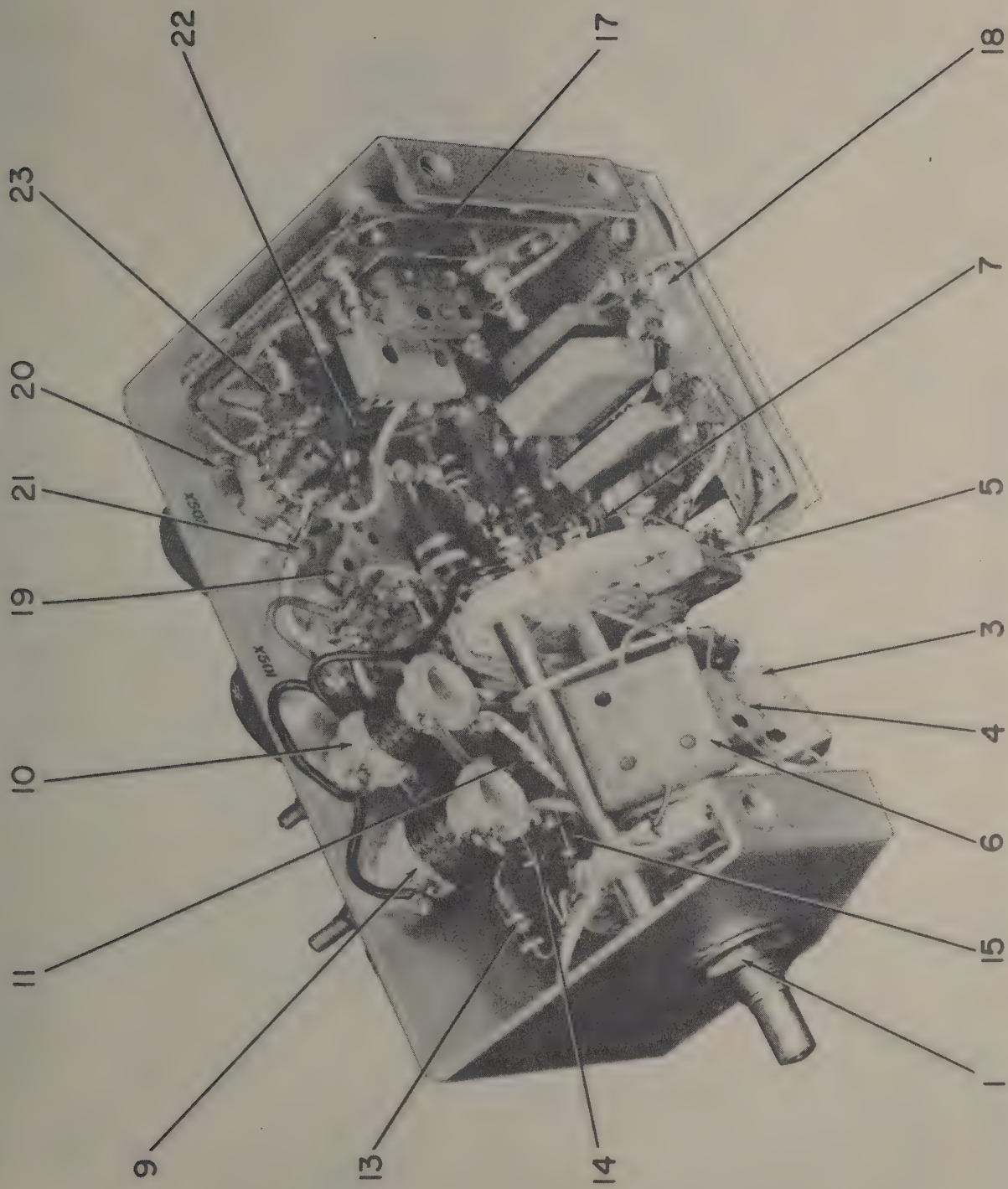


Figure 8. Marker Generator Chassis Assembly-Interior View (Sheet 2 of 2)

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
8-	02-90980-1	MARKER GENERATOR CHASSIS ASSEMBLY (See figure 3 for next higher assembly)	Ref	.....
	89-90968-1	SWITCH ASSEMBLY, Marker Generator	1	.....
		(ATTACHING PARTS)		
	No number	WASHER, Internal tooth lock, 3/8 in. ID	1	.....
-1	No number	NUT, Hex, No. 3/8-32	1	.....
		- - - - -		
-2	CM35D562J	CAPACITOR, Fixed, mica, 5600uuf $\pm 5\%$, 500V	1	.....
-3	CM20D102J	CAPACITOR, Fixed, mica, 1000uuf $\pm 5\%$, 300V	1	.....
-4	CM15D221J	CAPACITOR, Fixed, mica, 220uuf $\pm 5\%$, 300V	1	.....
-5	CM20B300J	CAPACITOR, Fixed, mica, 30uuf $\pm 5\%$, 300V	1	.....
-6	CM30B821J	CAPACITOR, Fixed, mica, 820uuf $\pm 5\%$, 500V	1	.....
-7	RC20GF202J	RESISTOR, Fixed, composition, 2K $\pm 5\%$, 1/2w	1	.....
-8	33-90670-1	SWITCH, Rotary, 3 wafer	1	.....
-9	50-112085-1	COIL, RF, Variable, 2.2 to 4.2 mh	1	.....
-10	50-112085-2	COIL, RF, Variable, 450 to 950 uh	1	.....
-11	50-112085-3	COIL, RF, Variable, 70 to 130 uh	1	.....
-12	50-112085-4	COIL, RF, Variable, 20 to 40 uh	1	.....
		(ATTACHING PARTS)		
	No number	WASHER, Internal tooth lock, 1/4 in. ID	4	.....
	No number	NUT, Hex, cadmium plated brass, No. 1/4-28	4	.....
	No number	SPRING, Slug locking	4	.....
		- - - - -		
-13	RC20GF302J	RESISTOR, Fixed, composition, 3K $\pm 5\%$, 1/2w	1	.....
-14	RC20GF472J	RESISTOR, Fixed, composition, 4.7K $\pm 5\%$, 1/2w	1	.....
-15	RC20GF432J	RESISTOR, Fixed, composition, 4.3K $\pm 5\%$, 1/2w	1	.....
-16	RC20GF823J	RESISTOR, Fixed, composition, 82K $\pm 5\%$, 1/2w	1	.....
-17	89-90931-2	TERMINAL BOARD ASSEMBLY, TB502 (See figure 22 for breakdown)	1	.....
-18	89-90930-2	TERMINAL BOARD ASSEMBLY, TB501 (See figure 21 for breakdown)	1	.....
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	8	.....
	70D-3010604-80	WASHER, Split lock, No. 6	8	.....
		- - - - -		
-19	CM15B220J	CAPACITOR, Fixed, mica, 22uuf $\pm 5\%$, 300vdew	1	.....
-20	RC20GF272J	RESISTOR, Fixed, composition, 217K $\pm 5\%$, 1/2w	1	.....
-21	RC20GF152J	RESISTOR, Fixed, composition, 1.5K $\pm 5\%$, 1/2w	1	.....
-22	RC20GF225K	RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	1	.....
-23	RC20GF510J	RESISTOR, Fixed, composition, 51 ohms $\pm 5\%$, 1/2w	1	.....
-24	TS103P01	SOCKET, Electron tube, 9 pin	2	.....
		(ATTACHING PARTS)		
	70A-3800408-480	SCREW, Binding hd, No. 4-40 by 1/4 in.	4	.....
	70D-3010404-80	WASHER, Split lock, No. 4	4	.....
	70-90840-5	NUT, Strap	2	.....
		- - - - -		
-25	82-90967-1	CHASSIS, Marker generator, riveted	1	.....

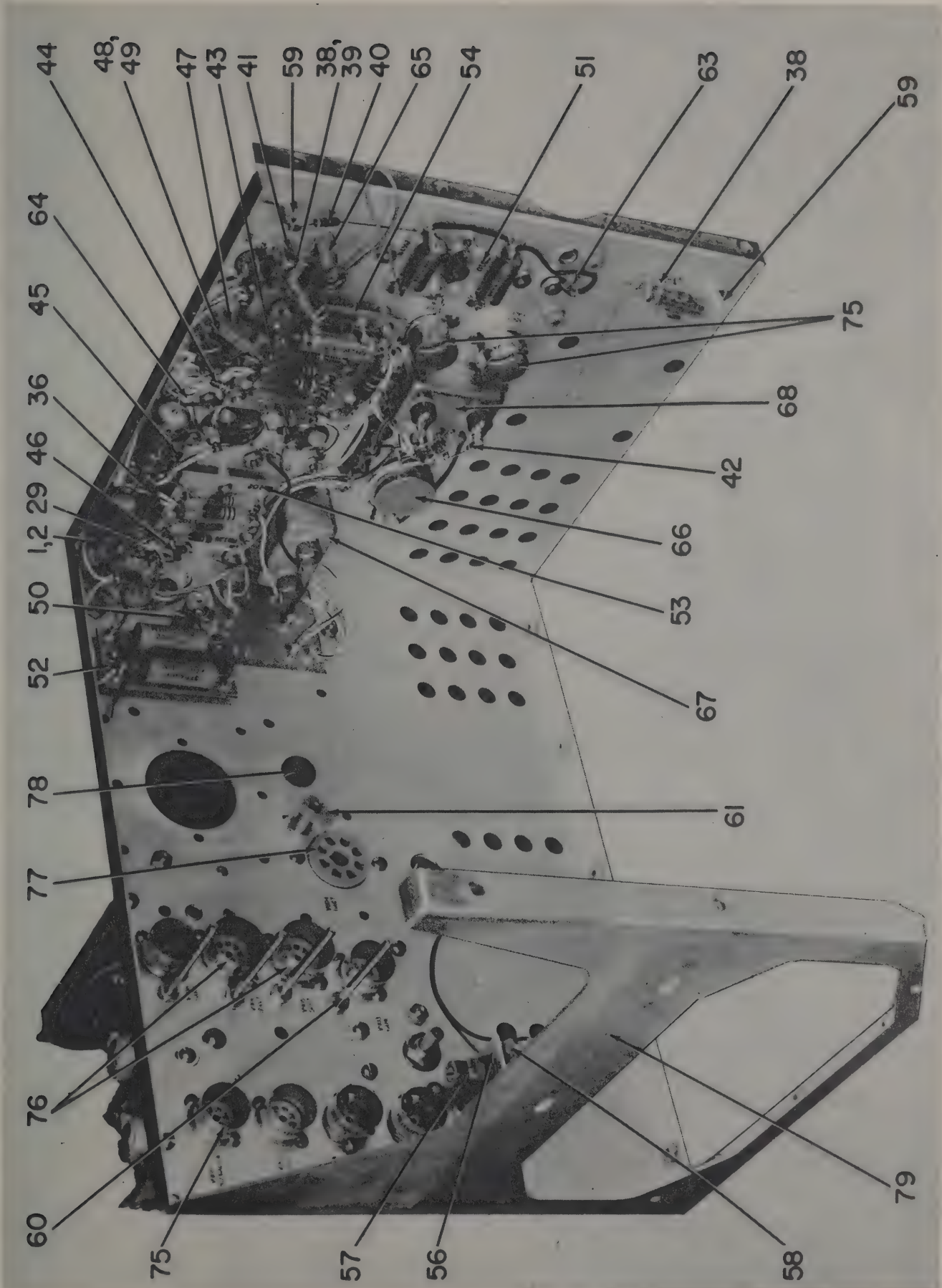
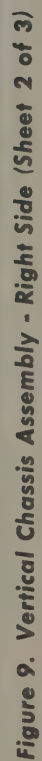
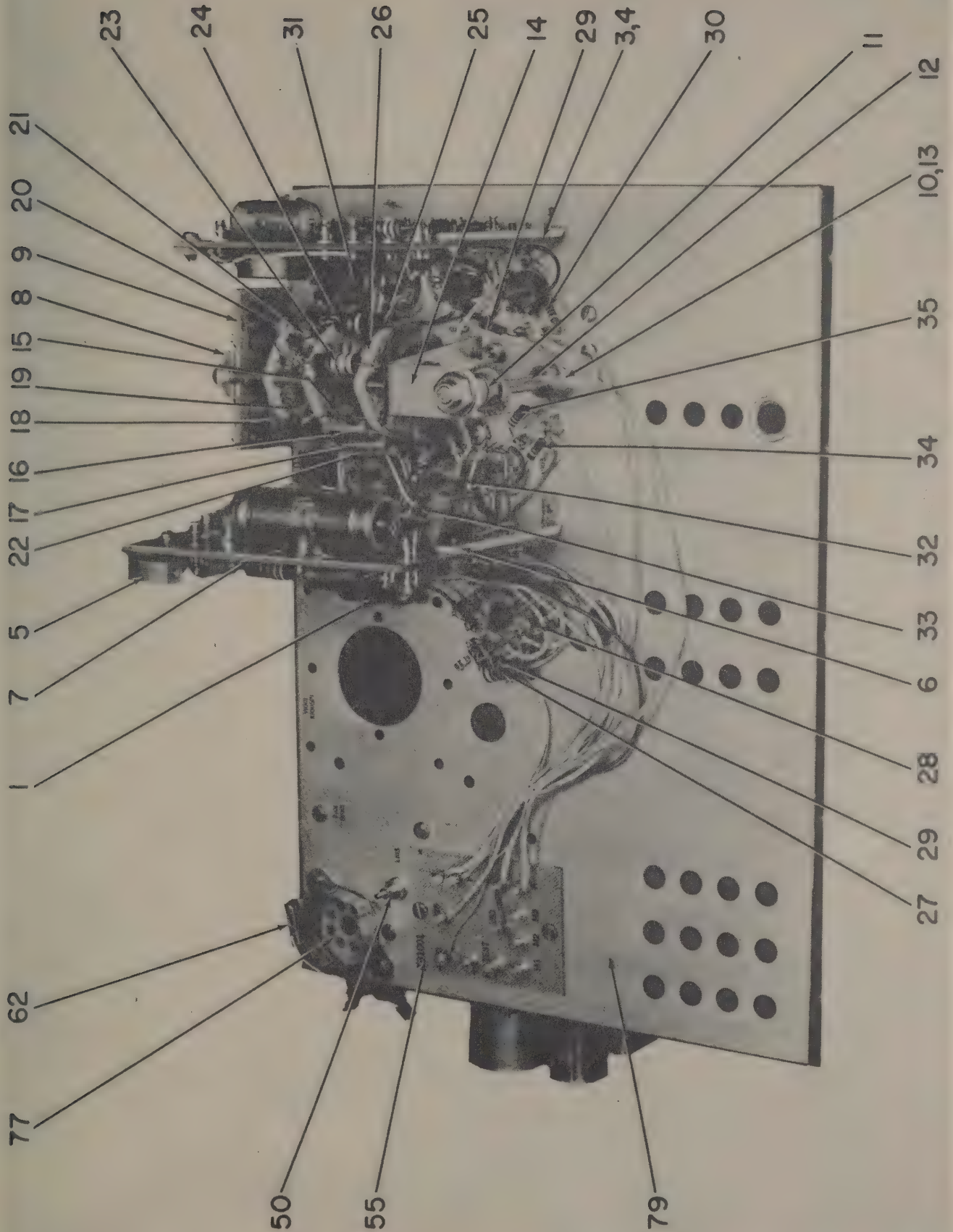


Figure 9. Vertical Chassis Assembly - Inside View (Sheet 1 of 3)





Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
1	2	3 4 5 6 7		
9-	02-90982-1	VERTICAL CHASSIS ASSEMBLY (See figure 3 for next higher assembly).....	Ref	
-1	45-90663-1	CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 600V	4	
-2	70-201500-109	CLAMP, Cable, plastic	3	
		(ATTACHING PARTS)		
	70A-3800614-480	SCREW, Binding hd, No. 6-32 by 7/16 in.	3	
	70D-3010604-80	WASHER, Split lock, No. 6	3	
	70D-4000704-80	WASHER, Flat, No. 6	6	
		- - - * - - -		
-3	81-90902-2	BRACKET, Terminal board mounting	2	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
		- - - * - - -		
-4	89-90941-2	TERMINAL BOARD ASSEMBLY, TB903 (See figure 32 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	4	
	70D-3010604-80	WASHER, Split Lock, No. 6	4	
	70D-4000704-80	WASHER, Flat, No. 6	4	
		- - - * - - -		
-5	82-90899-1	SUPPORT, Terminal board	1	
-6	81-90902-2	BRACKET, Terminal board mounting	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	1	
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	1	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
		- - - * - - -		
-7	89-90940-2	TERMINAL BOARD ASSEMBLY, TB902 (See figure 31 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	4	
	70D-3010604-80	WASHER, Split lock, No. 6	4	
	70D-4000704-80	WASHER, Flat, No. 6	4	
		- - - * - - -		
	89-90971-1	SWITCH ASSEMBLY, Sweep time coarse	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	2	
	70A-3800614-480	SCREW, Binding hd, No. 6-32 by 7/16 in.	2	
	70D-3010604-80	WASHER, Split lock, No. 6	4	
	No number	WASHER, Internal tooth lock, 3/8 in. ID	2	
	No number	NUT, Hex, No. 3/8-32	1	
		- - - * - - -		
-8	82-90984-1	SUPPORT ASSEMBLY, Switch	1	
		(ATTACHING PARTS)		
	70D-3010604-80	WASHER, Split lock, No. 6	2	
	70C-3010504-80	NUT, Hex, No. 5-40	2	
		- - - * - - -		
-9	89-90942-2	TERMINAL BOARD ASSEMBLY, TB904 (See figure 33 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
		- - - * - - -		
-10	1F-24853	COLLAR, Shaft	2	
-11	1F-24850-2	GEAR, Miter	2	
		(ATTACHING PARTS)		
	70A-8300806-480	SCREW, Headless set, hex socket, cup point, No. 8-32 by 3/16 in.	8	
		- - - * - - -		
-12	81-90904-2	SHAFT, Control	1	
-13	76-90664-1	BEARING, Sleeve	2	
		(ATTACHING PARTS)		
	70D-3102004-80	WASHER, Internal tooth lock, 3/8 in. ID	2	
	71-81956-2	NUT, Hex, No. 3/8-32	2	
		- - - * - - -		
-14	82-90983-1	BRACKET ASSEMBLY, Switch mounting	1	
		(ATTACHING PARTS)		
	No number	WASHER, Internal tooth lock, 3/8 in. ID	1	
	No number	NUT, Hex, 3/8-32	1	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
	70C-3010504-80	NUT, Hex, No. 5-40	2	
		- - - * - - -		
-15	CM15B330K	CAPACITOR, Fixed, mica, 33uuf $\pm 10\%$, 300V	1	
-16	CM20B351J	CAPACITOR, Fixed, mica, 350uuf $\pm 5\%$, 500V	1	
-17	CM30B821J	CAPACITOR, Fixed, mica, 820uuf $\pm 5\%$, 500V	1	
-18	CM35B392K	CAPACITOR, Fixed, mica, 3900uuf $\pm 10\%$, 500V	1	
-19	CM20B431J	CAPACITOR, Fixed, mica, 430uuf $\pm 5\%$, 500V	1	
-20	CM20B121K	CAPACITOR, Fixed, mica, 120uuf $\pm 10\%$, 500V	1	
-21	CM15B220J	CAPACITOR, Fixed, mica, 22uuf $\pm 5\%$, 300V	1	
-22	CM20D151J	CAPACITOR, Fixed, mica, 150uuf $\pm 5\%$, 500V	1	
-23	RC42GF334J	RESISTOR, Fixed, composition, 330K $\pm 5\%$, 2w	1	
-24	RC42GF154J	RESISTOR, Fixed, composition, 150K $\pm 5\%$, 2w	1	
-25	RC42GF473J	RESISTOR, Fixed, composition, 47K $\pm 5\%$, 2w	1	
-26	33-90985-1	SWITCH, Sweep, rotary, 3-wafer (supersedes Part No. H2R-24536)	1	
-27	RC42GF332K	RESISTOR, Fixed, composition, 3.3K $\pm 10\%$, 2w	1	
-28	RC20GF184K	RESISTOR, Fixed, composition, 180K $\pm 10\%$, 1/2w	1	
-29	RC20GF104K	RESISTOR, Fixed, composition, 100K $\pm 10\%$, 1/2w	3	
-30	RC20GF472K	RESISTOR, Fixed, composition, 4.7K $\pm 10\%$, 1/2w	1	
-31	RC20GF225K	RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	1	
-32	RC20GF153K	RESISTOR, Fixed, composition, 15K $\pm 10\%$, 1/2w	1	

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
9-				
-33	RC20GF105K	RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1/2w	2	
-34	RC20GF304J	RESISTOR, Fixed, composition, 300K $\pm 5\%$, 1/2w	1	
-35	RC20GF393K	RESISTOR, Fixed, composition, 39K $\pm 10\%$, 1/2w	1	
-36	RC20GF182J	RESISTOR, Fixed, composition, 1.8K $\pm 5\%$, 1/2w	2	
-37	CM20B471K	CAPACITOR, Fixed, mica, 470uuf $\pm 10\%$, 500V	1	
-38	4E-24119	CAPACITOR, Fixed, electrolytic, 50uf $\pm 75\%$ -10%, 15V	2	
-39	70-201500-106	CLAMP, Cable, plastic	1	
		(ATTACHING PARTS)		
	70A-3800614-480	SCREW, Binding hd, No. 6-32 by 7/16 in.	1	
	70D-3010604-80	WASHER, Split lock, No. 6	1	
	70D-4000604-80	WASHER, Flat, No. 6	2	
		- - - * - - -		
-40	RC20GF470K	RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 1/2w	2	
-41	RC20GF102K	RESISTOR, Fixed, composition, 1K $\pm 10\%$, 1/2w	1	
-42	RC20GF473K	RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1/2w	1	
-43	RC20GF103J	RESISTOR, Fixed, composition, 10K $\pm 5\%$, 1/2w	1	
-44	RC20GF132J	RESISTOR, Fixed, composition, 1.3K $\pm 5\%$, 1/2w	1	
-45	RC20GF300J	RESISTOR, Fixed, composition, 30 ohms $\pm 5\%$, 1/2w	1	
-46	RC20GF912J	RESISTOR, Fixed, composition, 9.1K $\pm 5\%$, 1/2w	1	
-47	CM20D821J	CAPACITOR, Fixed, mica, 820uuf $\pm 5\%$, 300V	1	
-48	RC20GF200J	RESISTOR, Fixed, composition, 20 ohms $\pm 5\%$, 1/2w	1	
-49	RC20GF100J	RESISTOR, Fixed, Composition, 10 ohms $\pm 5\%$, 1/2w	1	
-50	50-112083-1	COIL, RF, Variable, 10uh to 30uh	1	
		(ATTACHING PARTS)		
	No number	WASHER, Internal tooth lock, No. 10	1	
	No number	NUT, Hex, No. 10-32	1	
	No number	SPRING, Slug locking	1	
		- - - * - - -		
-51	89-90932-2	TERMINAL BOARD ASSEMBLY, TB503 (See figure 25 for breakdown)...	1	
-52	89-90922-2	TERMINAL BOARD ASSEMBLY, TB103 (See figure 13 for breakdown)...	1	
-53	89-90921-2	TERMINAL BOARD ASSEMBLY, TB102 (See figure 12 for breakdown)...	1	
-54	89-90920-2	TERMINAL BOARD ASSEMBLY, TB101 (See figure 11 for breakdown)...	1	
-55	89-90943-1	TERMINAL BOARD ASSEMBLY, TB1001 (See figure 34)	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	8	
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	4	
	70D-3010604-80	WASHER, Split lock, No. 6	12	
	70C-3010604-80	NUT, Hex, No. 6-32	4	
		- - - * - - -		
-56	82-112128-1	BRACKET ASSEMBLY, Resistor mounting	1	
		(ATTACHING PARTS)		
	70A-3800612-480	SCREW, Binding hd, No. 6-32 by 3/8 in.	2	
		- - - * - - -		
-57	89-82298-2	BUSHING ASSEMBLY, Locking	2	
-58	RV4ATSC253B	RESISTOR, Variable, 25K $\pm 20\%$, 2w	1	
		(ATTACHING PARTS)		
	70D-3102004-80	WASHER, Internal tooth lock, 3/8 in. ID	1	
	71-81956-2	NUT, Hex, No. 3/8-32	1	
		- - - * - - -		
-59	7T-24326	TERMINAL, Insulated	5	
		(ATTACHING PARTS)		
	70D-3010604-80	WASHER, Split lock, No. 6	5	
	70C-3010604-80	NUT, Hex, No. 6-32	5	
		- - - * - - -		
-60	7C-24367-2	CLAMP, Electron tube, 2-3/8 in. lg	4	
		(ATTACHING PARTS)		
	70D-3120804-80	WASHER, External tooth lock, No. 8	4	
	70C-3010804-80	NUT, Hex, No. 8-32	8	
		- - - * - - -		
-61	89-112124-1	CLAMP ASSEMBLY, Insulated	1	
		(ATTACHING PARTS)		
	70A-3800616-480	SCREW, Binding hd, No. 6-32 by 1/2 in.	1	
	70D-3010604-80	WASHER, Split lock, No. 6	1	
		- - - * - - -		
-62	79257-1	CLAMP, Electron tube	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	WASHER, Split lock, No. 6	2	
	70C-3010604-80	NUT, Hex, No. 6-32	2	
		- - - * - - -		
-63	73-90846-3	TERMINAL, Ground lug, No. 8	1	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	1	
	70D-4000704-80	WASHER, Flat, No. 6	1	
	70D-3010604-80	WASHER, Split lock, No. 6	1	
	70C-3010604-80	NUT, Hex, No. 6-32	1	
		- - - * - - -		
-64	71-81879-7	SPACER, Threaded, hex, 1/2 in. lg, No. 6-32 thd.	2	
-65	71-81879-8	SPACER, Threaded, hex, 3/4 in. lg, No. 6-32 thd.	2	
		(ATTACHING PARTS)		
	70A-3800610-480	SCREW, Binding hd, No. 6-32 by 5/16 in.	4	
	70D-3010604-80	WASHER, Split lock, No. 6	4	
		- - - * - - -		
-66	RV4ATSC154B	RESISTOR, Variable, 150K $\pm 20\%$, 2w	1	

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.	USABLE ON CODE
		1	2	3	4	5	6	7		
9-		(ATTACHING PARTS)								
	70D-3102004-80	.	WASHER, Internal tooth lock, 3/8 in. ID	.	.	.	.	.	1	
	71-81956-2	.	NUT, Hex, No. 3/8-32	.	.	.	.	.	1	
		.	- - - *		
-67	CP54B1EF504M	.	CAPACITOR, Fixed, paper, 0.5uf $\pm 20\%$, 600V	.	.	.	.	.	1	
-68	CP54B1EF104V	.	CAPACITOR, Fixed, paper, 0.1uf $+20\%$ -10% , 600V	.	.	.	.	.	1	
-69	CP69B5EF104V	.	CAPACITOR, Fixed, paper, 0.1uf $+20\%$ -10% , 600V	.	.	.	.	.	1	
		(ATTACHING PARTS)								
	70A-3800610-480	.	SCREW, Binding hd, No. 6-32 by 5/16 in.	.	.	.	.	.	6	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	6	
	70C-3010604-80	.	NUT, Hex, No. 6-32	.	.	.	.	.	6	
		.	- - - *		
-70	CE31F120R	.	CAPACITOR, Fixed, electrolytic, 12uf $\pm 20\%$, 450V	.	.	.	.	.	1	
-71	CE33C200M	.	CAPACITOR, Fixed, electrolytic, 20uf, 20uf, 20uf, 250V	.	.	.	.	.	1	
		(ATTACHING PARTS)								
	70A-3800614-480	.	SCREW, Binding hd, No. 6-32 by 7/16 in.	.	.	.	.	.	1	
	70A-3800620-480	.	SCREW, Binding hd, No. 6-32 by 5/8 in.	.	.	.	.	.	1	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	2	
	70C-3100604-80	.	NUT, Square, No. 6-32	.	.	.	.	.	2	
		.	- - - *		
-72	70-90836-1	.	CLAMP, Capacitor mounting	.	.	.	.	.	1	
		(ATTACHING PARTS)								
	70A-3800612-480	.	SCREW, Binding hd, No. 6-32 by 3/8 in.	.	.	.	.	.	1	
	70A-3800610-480	.	SCREW, Binding hd, No. 6-32 by 5/16 in.	.	.	.	.	.	1	
	73-90846-3	.	TERMINAL, Ground lug, No. 8	.	.	.	.	.	1	
	70D-4000704-80	.	WASHER, Flat, No. 6	.	.	.	.	.	1	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	2	
	70C-3010604-80	.	NUT, Hex, No. 6-32	.	.	.	.	.	2	
		.	- - - *		
-73	70-90836-3	.	CLAMP, Capacitor mounting	.	.	.	.	.	1	
		(ATTACHING PARTS)								
	70A-3800610-480	.	SCREW, Binding hd, No. 6-32 by 5/16 in.	.	.	.	.	.	2	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	2	
	70C-3010604-80	.	NUT, Hex, No. 6-32	.	.	.	.	.	2	
		.	- - - *		
-74	71-82256-2	.	CLIP, Fahnestock	.	.	.	.	.	2	
		(ATTACHING PARTS)								
	70A-3800610-480	.	SCREW, Binding hd, No. 6-32 by 5/16 in.	.	.	.	.	.	2	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	2	
	70C-3010604-80	.	NUT, Hex, No. 6-32	.	.	.	.	.	2	
		.	- - - *		
-75	TS102P01	.	SOCKET, Electron tube, miniature, 7 pin	.	.	.	.	.	12	
-76	TS103P01	.	SOCKET, Electron tube, miniature, 9 pin	.	.	.	.	.	2	
		(ATTACHING PARTS)								
	70A-3800408-480	.	SCREW, Binding hd, no. 4-40 by 1/4 in.	.	.	.	.	.	28	
	70D-3010404-80	.	WASHER, Split lock, No. 4	.	.	.	.	.	28	
	70-90840-4	.	NUT, Strap	.	.	.	.	.	10	
	70-90840-5	.	NUT, Strap	.	.	.	.	.	1	
	70-90840-6	.	NUT, Strap	.	.	.	.	.	2	
	70-90840-12	.	NUT, Strap	.	.	.	.	.	1	
		.	- - - *		
-77	TS101P01	.	SOCKET, Electron tube, octal	.	.	.	.	.	2	
		(ATTACHING PARTS)								
	70A-3800610-480	.	SCREW, Binding hd, No. 6-32 by 5/16 in.	.	.	.	.	.	4	
	70D-3010604-80	.	WASHER, Split lock, No. 6	.	.	.	.	.	4	
	70C-3010604-80	.	NUT, Hex, No. 6-32	.	.	.	.	.	4	
		.	- - - *		
-78	70-201604-082	.	GROMMET, Rubber, for 1/2 in. chassis hole	.	.	.	.	.	1	
-79	82-90970-1	.	CHASSIS, Vertical, riveted	.	.	.	.	.	1	

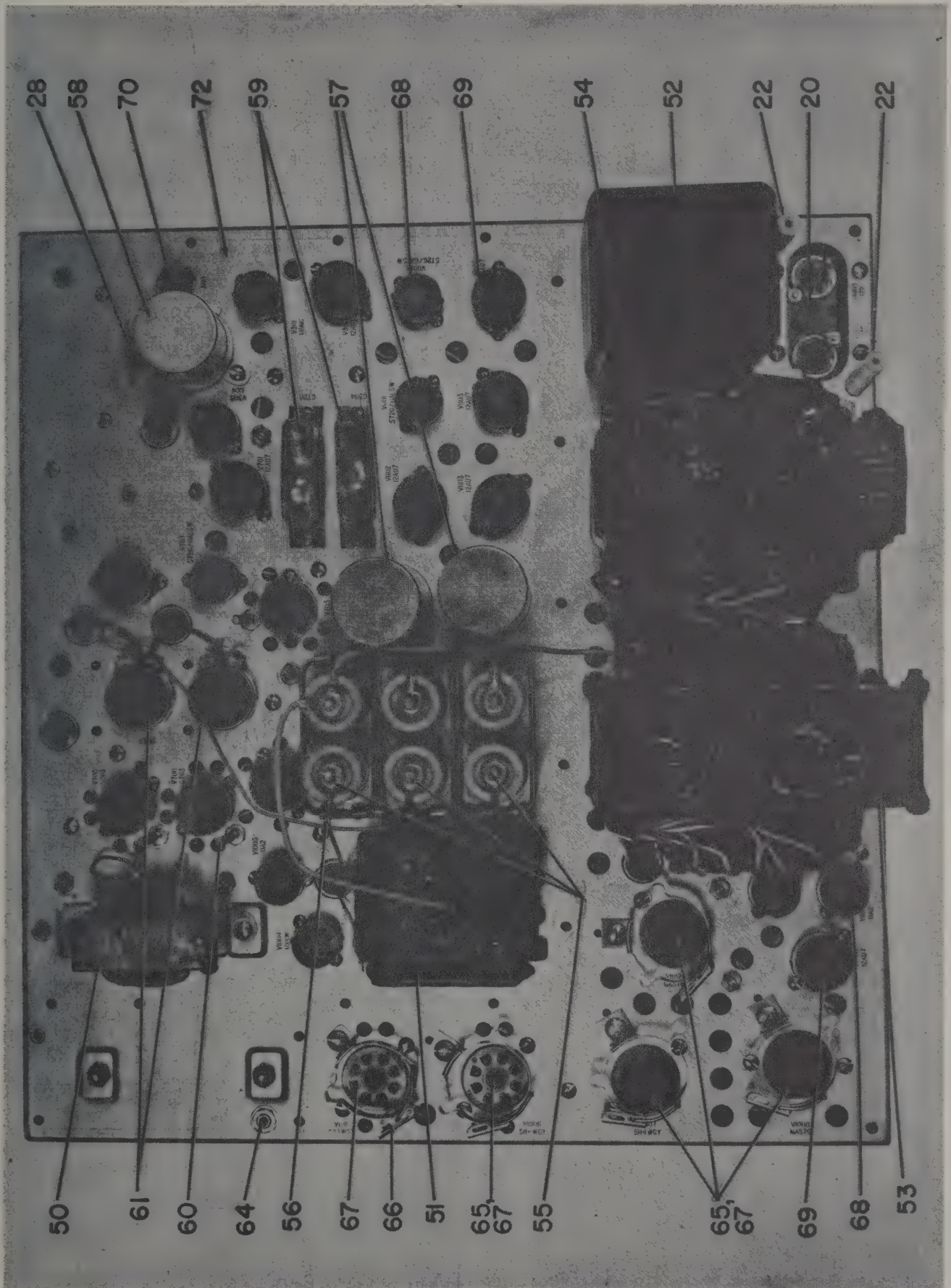


Figure 10. Main Chassis Assembly-Top View (Sheet 1 of 2)

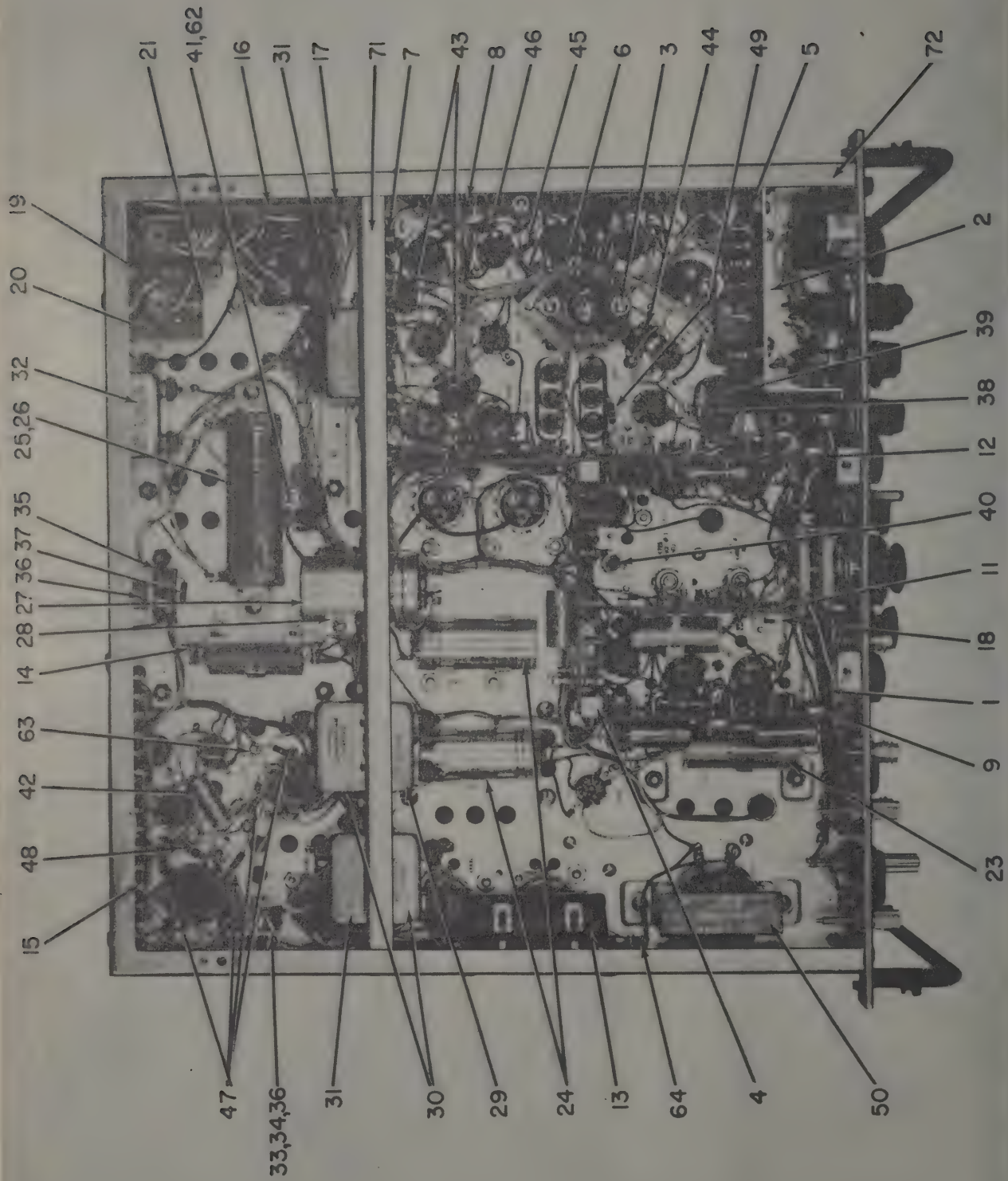


Figure 10. Main Chassis Assembly - Bottom View (Sheet 2 of 2)

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
10-	02-90981-1	MAIN CHASSIS ASSEMBLY (See figure 3 for next higher assembly).....	Ref	
-1	73-112120-1	. CABLE and TERMINAL ASSEMBLY	1	
-2	82-90965-1	. SHIELD, AC	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	5	
		- - - * - - -		
-3	71-81879-10	. SPACER, Threaded, hex, 1 in. lg, No. 6-32 thd.	2	
-4	82-90898-1	. POST, terminal board mounting	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	4	
	70D-3010604-80	. WASHER, Split lock, No. 6	4	
		- - - * - - -		
-5	89-90929-2	. TERMINAL BOARD ASSEMBLY, TB302 (See figure 19 for breakdown).....	1	
-6	89-112122-2	. TERMINAL BOARD ASSEMBLY, TB303 (See figure 20 for breakdown)	1	
-7	89-90933-2	. TERMINAL BOARD ASSEMBLY, TB601 (See figure 24 for breakdown)	1	
-8	89-90927-2	. TERMINAL BOARD ASSEMBLY, TB301 (See figure 18 for breakdown)	1	
-9	89-90936-2	. TERMINAL BOARD ASSEMBLY, TB703 (See figure 27 for breakdown)	1	
-10	89-90935-2	. TERMINAL BOARD ASSEMBLY, TB702 (See figure 26 for breakdown)	1	
-11	89-90934-2	. TERMINAL BOARD ASSEMBLY, TB701 (See figure 25 for breakdown)	1	
-12	89-90937-2	. TERMINAL BOARD ASSEMBLY, TB704 (See figure 28 for breakdown)	1	
-13	89-90947-2	. TERMINAL BOARD ASSEMBLY, TB1005 (See figure 38 for breakdown).....	1	
-14	89-90948-2	. TERMINAL BOARD ASSEMBLY, TB1006 (See figure 39 for breakdown).....	1	
-15	89-90944-2	. TERMINAL BOARD ASSEMBLY, TB1002 (See figure 35 for breakdown).....	1	
-16	89-90949-2	. TERMINAL BOARD ASSEMBLY, TB1007 (See figure 40 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	28	
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	16	
	70D-4000704-80	. WASHER, Flat, No. 6	22	
	70D-3010604-80	. WASHER, Split lock, No. 6	44	
		- - - * - - -		
-17	71-81879-7	. SPACER, Threaded hex, 1/2 in. lg. No. 6-32 thd.	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
		- - - * - - -		
-18	81-90902-1	. BRACKET, Terminal board mounting	6	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	6	
	70D-3010604-80	. WASHER, Split lock, No. 6	6	
		- - - * - - -		
-19	89-90952-2	. TERMINAL BOARD ASSEMBLY, TB1010 (See figure 43 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
		- - - * - - -		
-20	89-90950-1	. TERMINAL BOARD ASSEMBLY, TB1008 (See figure 41 for breakdown).....	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	4	
	70D-3010604-80	. WASHER, Split lock, No. 6	4	
		- - - * - - -		
-21	86-90665-1	. POST, Insulator, ceramic, 1/2 in. lg.	4	
-22	86-90665-2	. POST Insulator, ceramic, 2-1/4 in. lg.	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	6	
	70D-3010604-80	. WASHER, Split lock, No. 6	6	
	71-81857-1	. WASHER, Flat, nylon, No. 6	6	
		- - - * - - -		
-23	45-90662-1	. CAPACITOR, Fixed, paper, 0.47uf $\pm 20\%$, 600V	1	
-24	CE31F120R	. CAPACITOR, Fixed, electrolytic, 12uf $\pm 20\%$, 450V	2	
-25	RW22G122	. RESISTOR, Fixed, wire wound, 1.2K $\pm 5\%$, 37W	1	
-26	RW22G501	. RESISTOR, Fixed, wire wound, 500 ohms $\pm 5\%$, 37W	1	
		(ATTACHING PARTS)		
	70A-3800836-480	. SCREW, Binding hd, No. 8-32 by 1-1/4 in.	2	
	70D-4000904-80	. WASHER, Flat, No. 8	2	
	70D-3010804-80	. WASHER, Split lock, No. 8	2	
		- - - * - - -		
-27	CE32C250N	. CAPACITOR, Fixed, electrolytic, 25uf $\pm 10\%$, 300V	1	
-28	70-90836-1	. CLAMP, Capacitor mounting	2	
	70A-3800620-480	. SCREW, Binding hd, No. 6-32 by 5/8 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	2	
	70C-3100604-80	. NUT, Square, No. 6-32	2	
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	4	
	70D-3010604-80	. WASHER, Split lock, No. 6	4	
	70C-3010604-80	. NUT, Hex, No. 6-32	4	
		- - - * - - -		
-29	CP54B6EG104M	. CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 1000V	1	
-30	CP54B1EF504M	. CAPACITOR, Fixed, paper, 0.5uf $\pm 20\%$, -10%, 600V	2	
-31	CP54B1EF104V	. CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, -10%, 600V	2	
-32	45-112114-1	. CAPACITOR, Fixed, paper, 0.75uf $\pm 5\%$, 600V	1	
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	6	
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	2	
	70D-3010604-80	. WASHER, Split lock, No. 6	8	
	70C-3010604-80	. NUT, Hex, No. 6-32	8	
		- - - * - - -		

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
10- -33	1F-24101	. BRACKET, Variable resistor mounting	2	.....
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	4	.....
	70D-3010604-80	. WASHER, Split lock, No. 6	4	.....
	70C-3010604-80	. NUT, Hex, No. 6-32	4	.....
-34	RV4ATSC503B	. RESISTOR, Variable, 50K $\pm 20\%$, 2w	1	.....
-35	RV4ATSC253B	. RESISTOR, Variable, 25K $\pm 20\%$, 2w	1	.....
		(ATTACHING PARTS)		
	70D-3102004-80	. WASHER, Internal tooth lock, 3/8 in. ID	2	.....
	71-81956-2	. NUT, Hex, No. 3/8-32	2	.....
-36	89-82298-2	. BUSHING ASSEMBLY, Locking	2	.....
-37	RC20GF223K	. RESISTOR, Fixed, composition, 22K $\pm 10\%$, 1/2w	1	.....
-38	1N38	. CRYSTAL UNIT, Rectifying	1	.....
-39	56-112145-1	. TRANSFORMER, Pulse, 2 windings (supersedes Part No. 5N-24383)	1	.....
		(ATTACHING PARTS)		
	70A-3800410-480	. SCREW, Binding hd, No. 4-40 by 5/16 in.	2	.....
	70D-3010404-80	. WASHER, Split lock, No. 4	2	.....
	70C-3010404-80	. NUT, Hex, No. 4-40	2	.....
-40	50-112083-2	. COIL, RF, Variable, 40uh to 80uh	1	.....
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, No. 10	1	.....
	No number	. NUT, Hex, No. 10-32	1	.....
	No number	. SPRING, Slug locking	1	.....
-41	73-90960-1	. TERMINAL and WIRE ASSEMBLY	1	.....
-42	CP09A1EE103M	. CAPACITOR, Fixed, paper, 0.01uf $+20\%$ -10% , 400V	1	.....
-43	CM20B100K	. CAPACITOR, Fixed, mica, 10uuf $\pm 10\%$, 500V	2	.....
-44	CM20B470K	. CAPACITOR, Fixed, mica, 47uuf $\pm 10\%$, 500V	1	.....
-45	RC20GF472K	. RESISTOR, Fixed, composition, 4.7K $\pm 10\%$, 1/2w	1	.....
-46	RC20GF912J	. RESISTOR, Fixed, composition, 9.1K $\pm 5\%$, 1/2w	1	.....
-47	RC20GF470K	. RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 1/2w	4	.....
-48	RC20GF474K	. RESISTOR, Fixed, composition, 470K $\pm 10\%$, 1/2w	1	.....
-49	RC20GF392K	. RESISTOR, Fixed, composition, 3.9K $\pm 10\%$, 1/2w	1	.....
-50	5J-24078	. REACTOR, Filter, 6.5H min at 90 ma dc, resistance 250 ohms	2	.....
		(ATTACHING PARTS)		
	70A-3800814-480	. SCREW, Binding hd, No. 8-32 by 7/16 in.	4	.....
	70D-4000904-80	. WASHER, Flat, No. 8	4	.....
-51	56-90850-1	. REACTOR, Filter 2.25H at 400 ma, 50 ohms resistance	1	.....
		(ATTACHING PARTS)		
	70A-3801012-480	. SCREW, Binding hd, No. 10-24 by 3/8 in.	4	.....
	70D-4001204-80	. WASHER, Flat, No. 10	4	.....
	70D-3011004-80	. WASHER, Split lock, No. 10	4	.....
-52	5J-24088	. TRANSFORMER, High voltage	1	.....
		(ATTACHING PARTS)		
	70D-4000904-80	. WASHER, Flat, No. 8	4	.....
	70D-3100804-80	. WASHER, Internal tooth lock, No. 8	4	.....
	70C-3010804-80	. NUT, Hex, No. 8-32	4	.....
-53	55-90851-1	. TRANSFORMER, Step-up and step-down	1	.....
-54	5J-24079	. TRANSFORMER, Filament	1	.....
		(ATTACHING PARTS)		
	70A-3806018-480	. SCREW, Binding hd, No. 10-32 by 9/16 in.	8	.....
	70D-4001204-80	. WASHER, Flat, No. 10	8	.....
-55	CP70E1EK254V	. CAPACITOR, Fixed, paper, 0.25uf $+20\%$ -10% , 2500V	3	.....
		(ATTACHING PARTS)		
-56	70-90848-1	. BRACKET, Capacitor mounting	6	.....
	No number	. WASHER, Split lock, No. 10	6	.....
	No number	. NUT, Hex, No. 10-32	6	.....
-57	CE42F400R	. CAPACITOR, Fixed, electrolytic, 40uf, 40uf $+150\%$ -10% , 450V	2	.....
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, 7/8 in. ID	2	.....
	No number	. NUT, Hex, No. 7/8-16	2	.....
-58	CE33C200M	. CAPACITOR, Fixed, electrolytic, 20uf, 20uf, 20uf, 250V	1	.....
-59	CP69B5EE104V	. CAPACITOR, Fixed, paper, 0.1uf, 0.1uf, 0.1uf $+20\%$ -10% , 650V	2	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	4	.....
	70D-3010604-80	. WASHER, Split lock, No. 6	4	.....
	70C-3010604-80	. NUT, Hex, No. 6-32	4	.....
-60	7C-24367-2	. CLAMP, Electron tube, 2-3/8 in. lg	3	.....
		(ATTACHING PARTS)		
	70D-3120604-80	. WASHER, External tooth lock, No. 8	3	.....
	70C-3010604-80	. NUT, Hex, No. 8-32	6	.....

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
1	2	3 4 5 6 7		
10- -61	RV4ATSA103B	. RESISTOR, Variable, 10K $\pm 20\%$, 2w	2	.....
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, 3/8 in. ID	2	.....
	No number	. NUT, Hex, No. 3/8-32	2	.....
	No number	. LOCKNUT, Hex, No. 3/8-32	2	.....
		- - - * - - -		
-62	73-90846-2	. TERMINAL, Ground lug, No. 6	2	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	1	.....
	70D-3010604-80	. WASHER, Split lock, No. 6	1	.....
	70C-3010604-80	. NUT, Hex, No. 6	1	.....
		- - - * - - -		
-63	7T-24326	. TERMINAL, Insulated	5	.....
		(ATTACHING PARTS)		
	70D-3010604-80	. WASHER, Split lock, No. 6	4	.....
	70C-3010604-80	. NUT, Hex, No. 6-32	4	.....
		- - - * - - -		
-64	7T-24265	. TERMINAL, Insulated, feed through	1	.....
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, No. 1/4	1	.....
	No number	. NUT, Hex, No. 1/4-28	1	.....
		- - - * - - -		
-65	71-81167-2	. CLAMP, Electron tube	4	.....
-66	71-90845-1	. CLAMP, Electron tube	1	.....
		(ATTACHING PARTS)		
	70A-3801012-480	. SCREW, Binding hd, No. 10-24 by 3/8 in.	5	.....
	70D-3011004-80	. WASHER, Split lock, No. 10	5	.....
	70C-3011004-80	. NUT, Hex, No. 10-24	5	.....
		- - - * - - -		
-67	TS101P01	. SOCKET, Electron tube, octal	5	.....
		(ATTACHING PARTS)		
	70A-3800610-480	. SCREW, Binding hd, No. 6-32 by 5/16 in.	10	.....
	70D-3010604-80	. WASHER, Split lock, No. 6	10	.....
	70C-3010604-80	. NUT, Hex, No. 6-32	10	.....
		- - - * - - -		
-68	TS102P01	. SOCKET, Electron tube, 7 pin	9	.....
-69	TS103P01	. SOCKET, Electron tube, 9 pin	12	.....
		(ATTACHING PARTS)		
	70A-3800408-480	. SCREW, Binding hd, No. 4-40 by 1/4 in.	42	.....
	70D-3010604-80	. WASHER, Split lock, No. 4	42	.....
	70-90840-4	. NUT, Strap	9	.....
	70-90840-5	. NUT, Strap	6	.....
	70-90840-9	. NUT, Strap	4	.....
	70-90840-12	. NUT, Strap	2	.....
		- - - * - - -		
-70	7A-24229	. CONNECTOR, Female electrical receptacle	1	.....
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, 1/2 in. ID	1	.....
	No number	. NUT, Hex, No. 1/2-20	1	.....
		- - - * - - -		
-71	82-90979-1	. PANEL, Sub-chassis, riveted	1	.....
		(ATTACHING PARTS)		
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.	5	.....
		- - - * - - -		
-72	82-90969-1	. CHASSIS, Main, riveted	1	.....

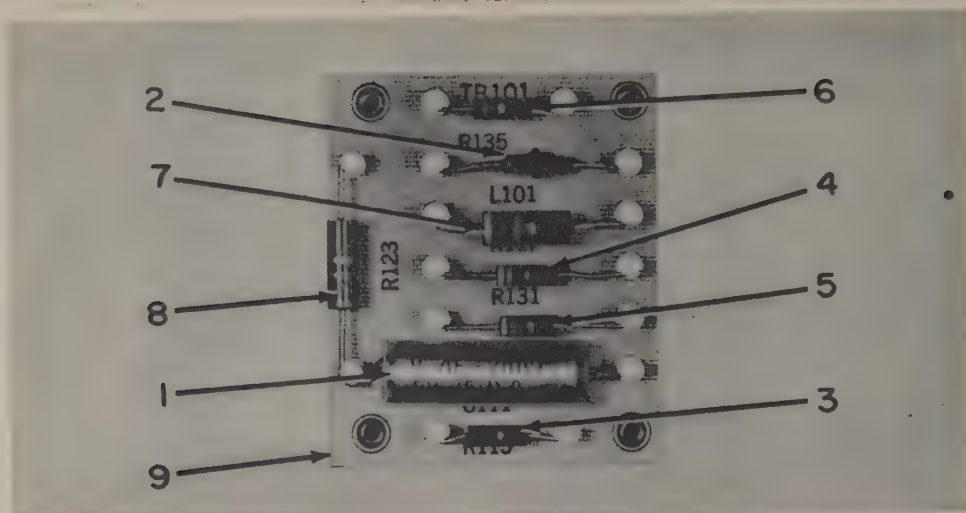


Figure 11. Terminal Board Assembly-TB101

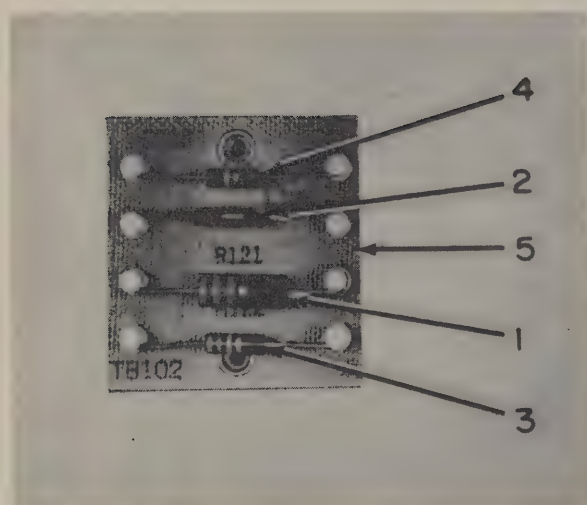


Figure 12. Terminal Board Assembly-TB102

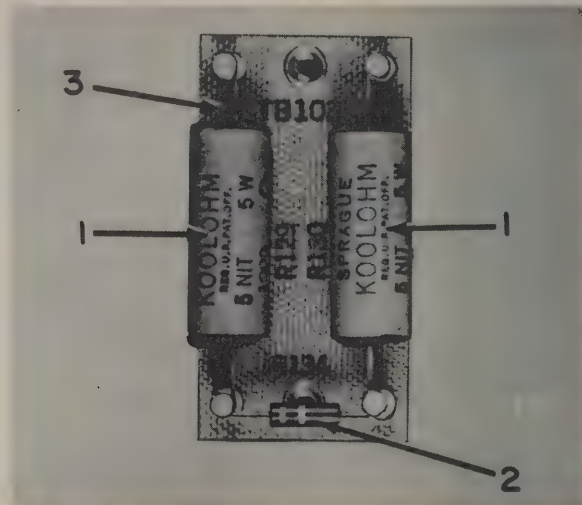


Figure 13. Terminal Board Assembly-TB103

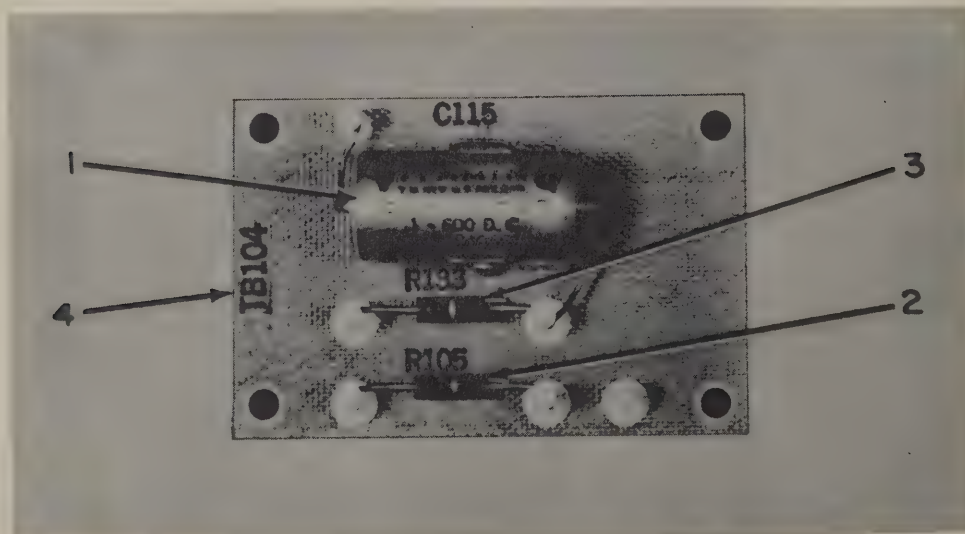


Figure 14. Terminal Board Assembly-TB104

FIG. & INDEX NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY.	USABLE ON CODE
11-	89-90920-2	TERMINAL BOARD ASSEMBLY, TB101 (See figure 9 for next higher assembly)	REF	.....
-1	4E-24119	. CAPACITOR, Fixed, Electrolytic, 50uf $\pm 250\%$, -10% , 15V	1	.....
-2	50-112092-1	. COIL, RF Peaking, 6.5uh $\pm 10\%$	1	.....
-3	RC20GF201J	. RESISTOR, Fixed, composition, 200 ohms $\pm 5\%$, 1/2w	1	.....
-4	RC20GF431J	. RESISTOR, Fixed, composition, 430 ohms $\pm 5\%$, 1/2w	1	.....
-5	RC20GF471J	. RESISTOR, Fixed, composition, 470 ohms $\pm 5\%$, 1/2w	1	.....
-6	RC20GF272K	. RESISTOR, Fixed, composition, 2.7K $\pm 10\%$, 1/2w	1	.....
-7	RC32GF473J	. RESISTOR, Fixed, composition, 47K $\pm 5\%$, 1w	1	.....
-8	RC32GF753J	. RESISTOR, Fixed, composition, 75K $\pm 5\%$, 1w	1	.....
-9	89-90920-1	. BOARD, Terminal, 15 stud terminals, 4 No. 6-32 clinch nuts	1	.....
12-	89-90921-2	TERMINAL BOARD ASSEMBLY, TB102 (See figure 9 for next higher assembly)	Ref	.....
-1	50-112090-1	. COIL, RF peaking, 4.6uh $\pm 10\%$	1	.....
-2	RC32GF333J	. RESISTOR, Fixed, composition, 33K $\pm 5\%$, 1w	1	.....
-3	RC20GF104J	. RESISTOR, Fixed, composition, 100K $\pm 5\%$, 1/2w	1	.....
-4	RC20GF334K	. RESISTOR, Fixed, composition, 330K $\pm 10\%$, 1/2w	1	.....
-5	89-90921-1	. BOARD, Terminal, 8 stud terminals, 2 No. 6-32 clinch nuts	1	.....
13-	89-90922-2	TERMINAL BOARD ASSEMBLY, TB103 (See figure 9 for next higher assembly)	Ref	.....
-1	RW55G102	. RESISTOR, Fixed, wire wound, 1K $\pm 5\%$, 5w	2	.....
-2	RC20GF272K	. RESISTOR, Fixed, composition, 2.7K $\pm 10\%$, 1/2w	1	.....
-3	89-90922-1	. BOARD, Terminal, 4 stud terminals, 2 No. 6-32 clinch nuts	1	.....
14-	89-90923-2	TERMINAL BOARD ASSEMBLY, TB104 (See figure 3 for next higher assembly)	Ref	.....
-1	45-90663-1	. CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 600V	1	.....
-2	RC20GF105J	. RESISTOR, Fixed, composition 1 meg $\pm 5\%$, 1/2w	1	.....
-3	RC20GF225K	. RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	1	.....
-4	89-90923-1	. BOARD, Terminal, 1 stud terminal, 5 feed through stud terminals, 1 capacitor mounting clip	1	.....
15-	89-90924-2	TERMINAL BOARD ASSEMBLY, TB201 (See figure 5B for next higher assembly)	Ref	.....
-1	4E-24117	. CAPACITOR, Fixed, electrolytic, 20 uf $\pm 50\%$ -10% , 200V	1	.....
-2	CP08A1EC105M	. CAPACITOR, Fixed, paper, 1uf $\pm 20\%$, 200V	1	.....
-3	RV4ATSC502B	. RESISTOR, Variable, 0-5K $\pm 20\%$, 2w	1	.....
		(ATTACHING PARTS)		
	70D-3102004-80	. WASHER, Internal tooth lock, 3/8 in. ID	1	.....
	71-81956-2	. NUT, Hex, No. 3/8-32	1	.....
		- - - - -		
	89-82298-2	. BUSHING ASSEMBLY, Locking	1	.....
-4	RC20GF621J	. RESISTOR, Fixed, composition, 620 ohms $\pm 5\%$, 1/2w	1	.....
-5	RC20GF102K	. RESISTOR, Fixed, composition, 1K $\pm 10\%$, 1/2w	1	.....
-6	RC32GF682J	. RESISTOR, Fixed, composition, 6.8K $\pm 5\%$, 1w	1	.....
-7	RC42GF153K	. RESISTOR, Fixed, composition, 15K $\pm 10\%$, 2w	1	.....
-8	89-90924-1	. BOARD, Terminal, 8 stud terminals, 2 capacitor mounting clips, 4 No. 6-32 clinch nuts	1	.....
16-	89-90925-2	TERMINAL BOARD ASSEMBLY, TB202 (See figure 5B for next higher assembly)	Ref	.....
-1	CP04A1EC334M	. CAPACITOR, Fixed, paper, 0.33uf $\pm 20\%$, 200V	2	.....
-2	CP09A1EC474M	. CAPACITOR, Fixed, paper, 0.47uf $\pm 20\%$, 200V	1	.....
-3	RC20GF510J	. RESISTOR, Fixed, composition, 51 ohms $\pm 5\%$, 1/2w	1	.....
-4	RC20GF511J	. RESISTOR, Fixed, composition, 510 ohms $\pm 5\%$, 1/2w	1	.....
-5	RC20GF152J	. RESISTOR, Fixed, composition, 1.5K $\pm 5\%$, 1/2w	1	.....
-6	RC20GF202J	. RESISTOR, Fixed, composition, 2K $\pm 5\%$, 1/2w	1	.....
-7	RC32GF333J	. RESISTOR, Fixed, composition, 33K $\pm 5\%$, 1w	1	.....
-8	RC32GF473K	. RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1w	1	.....
-9	RC20GF105K	. RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1/2w	1	.....
-10	89-90925-1	. BOARD, Terminal, 10 stud terminals, 5 feed through stud terminals, 1 capacitor mounting clip	1	.....
17-	89-90926-1	TERMINAL BOARD ASSEMBLY, TB203 (See figure 5B for next higher assembly)	Ref	.....
-1	CV11B130	. CAPACITOR, Variable, 3-13uuf, 500V	2	.....
		(ATTACHING PARTS)		
-2	70A-3700418-480	. SCREW, Fil. hd., No. 4-40 by 9/16 in.	4	.....
	71-81857-8	. WASHER, Flat, nylon, No. 4	4	.....
	70D-4000504-80	. WASHER, Flat, plain, No. 4	4	.....
	70D-3010404-80	. WASHER, Split lock, No. 4	4	.....
	70C-3010404-80	. NUT, Hex, No. 4-40	4	.....
		- - - - -		
-3	86-90860-2	. BOARD, Terminal	1	.....

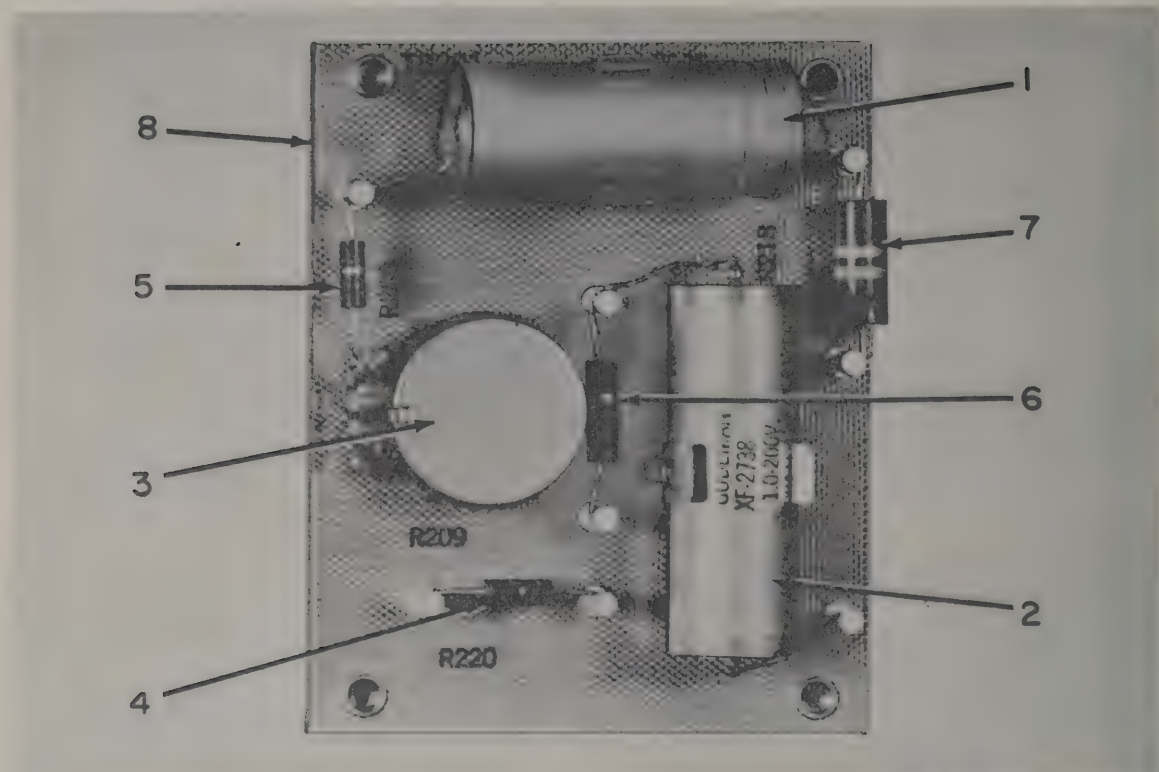


Figure 15. Terminal Board Assembly-TB201

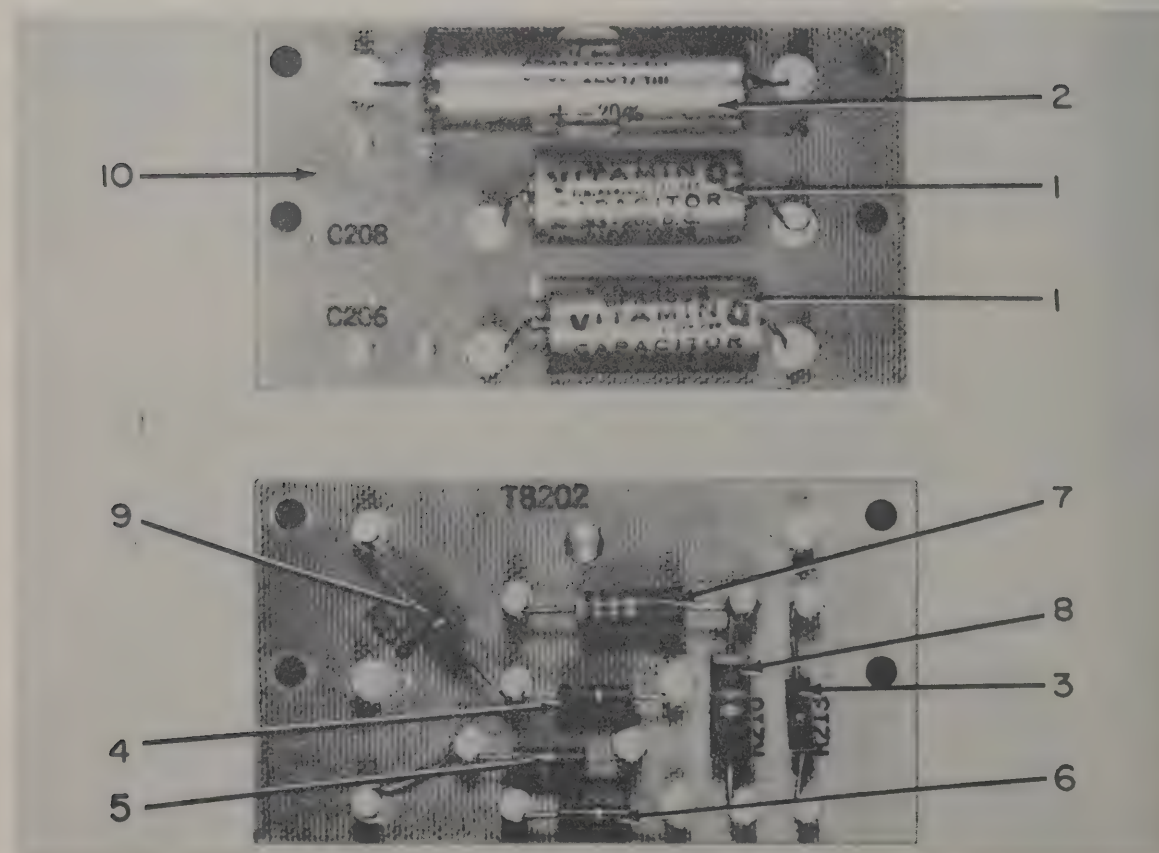


Figure 16. Terminal Board Assembly-TB202

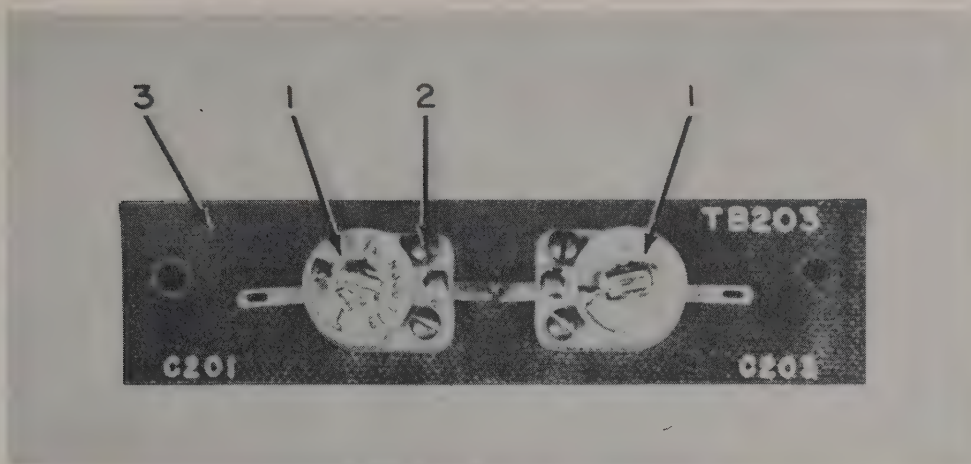


Figure 17. Terminal Board Assembly-TB203

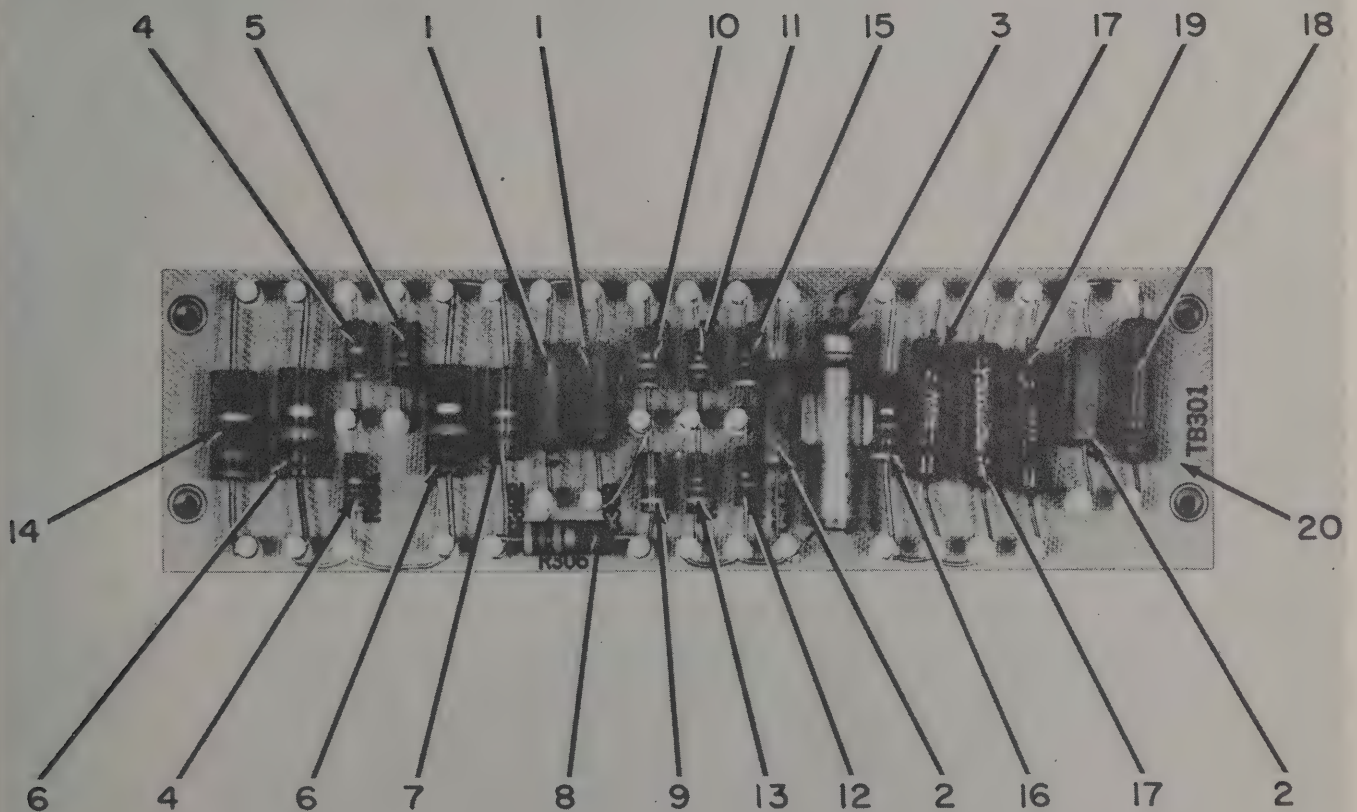


Figure 18. Terminal Board Assembly-TB301

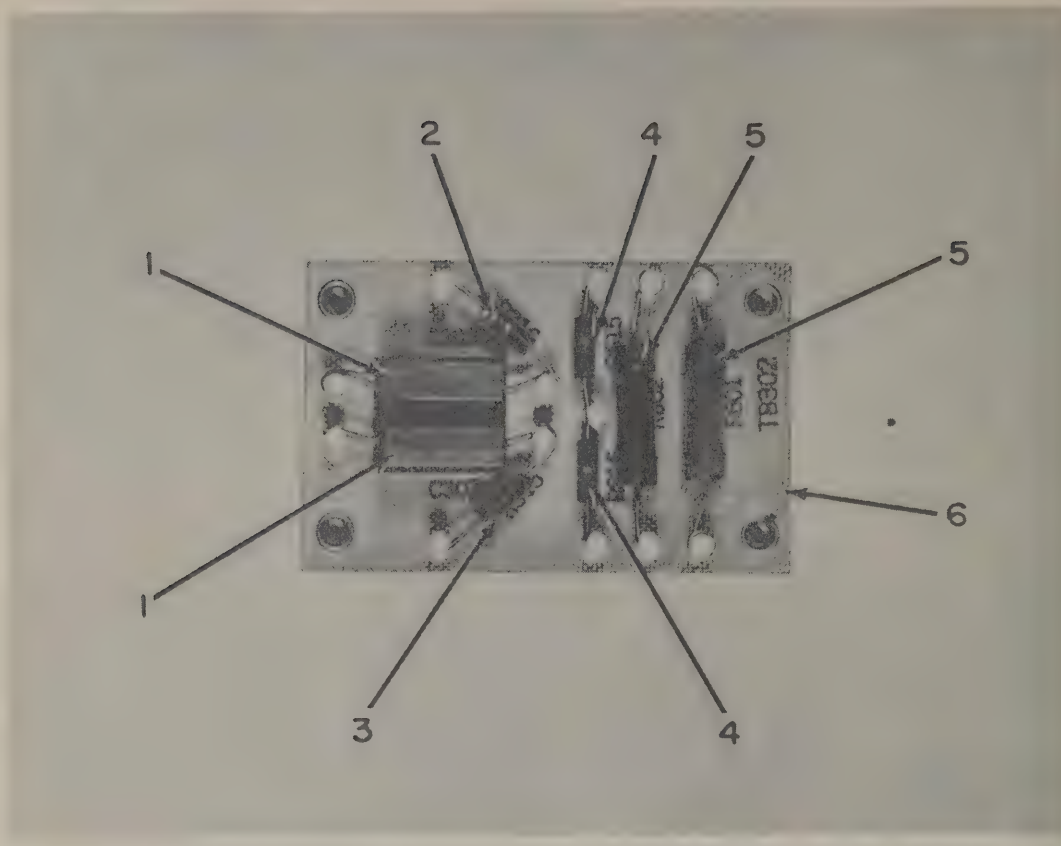


Figure 19. Terminal Board Assembly-TB302

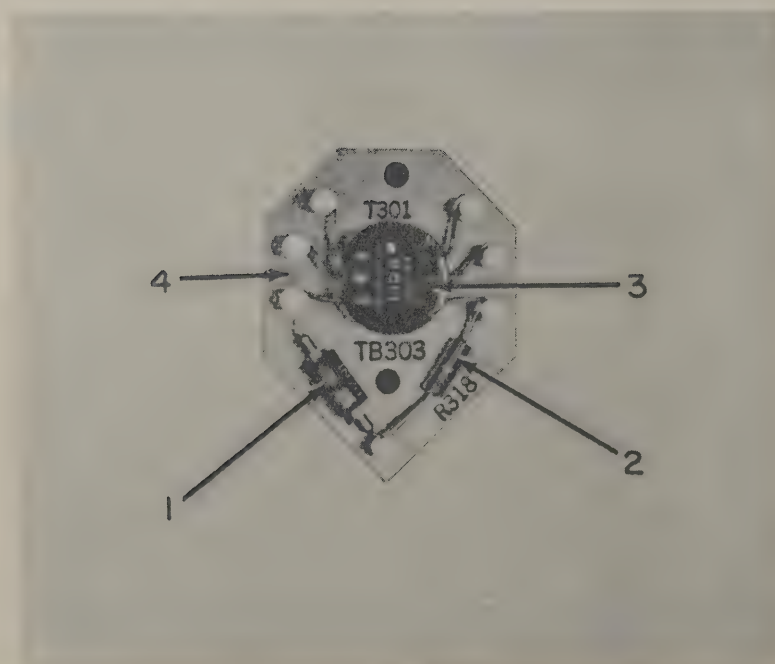


Figure 20. Terminal Board Assembly-TB303

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
18-	89-90927-2	TERMINAL BOARD ASSEMBLY, TB301 (See figure 10 for next higher assembly)	Ref	.....
-1	CM20B121K	CAPACITOR, Fixed, mica, 120uuf $\pm 10\%$, 500V	2	.....
-2	CM20B511J	CAPACITOR, Fixed, mica, 510uuf $\pm 5\%$, 500V	2	.....
-3	41-90630-1	CAPACITOR, Fixed, electrolytic, 5uf $+75\%$ -10% , 50V	1	.....
-4	RC20GF473K	RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1/2w	2	.....
-5	RC20GF103J	RESISTOR, Fixed, composition, 10K $\pm 5\%$, 1/2w	1	.....
-6	RC42GF123K	RESISTOR, Fixed, composition, 12K $\pm 10\%$, 2w	2	.....
-7	RC32GF183K	RESISTOR, Fixed, composition, 18K $\pm 10\%$, 1w	1	.....
-8	RC32GF473K	RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1w	1	.....
-9	RC20GF395J	RESISTOR, Fixed, composition, 3.9 meg $\pm 5\%$, 1/2w	1	.....
-10	RC20GF474K	RESISTOR, Fixed, composition, 470K $\pm 10\%$, 1/2w	1	.....
-11	RC20GF134J	RESISTOR, Fixed, composition, 130K $\pm 5\%$, 1/2w	1	.....
-12	RC20GF153J	RESISTOR, Fixed, composition, 15K $\pm 5\%$, 1/2w	1	.....
-13	RC20GF243J	RESISTOR, Fixed, composition, 24K $\pm 5\%$, 1/2w	1	.....
-14	RC42GF332K	RESISTOR, Fixed, composition, 3.3K $\pm 10\%$, 2w	1	.....
-15	RC20GF913J	RESISTOR, Fixed, composition, 91K $\pm 5\%$, 1/2w	1	.....
-16	RC32GF473J	RESISTOR, Fixed, composition, 47K $\pm 5\%$, 1w	1	.....
-17	RN25R1002J	RESISTOR, Fixed, film, 10K $\pm 5\%$, 1w	2	.....
-18	RN25X3004F	RESISTOR, Fixed, film, 3 meg $\pm 1\%$, 1w	1	.....
-19	RN25R3501J	RESISTOR, Fixed, film, 3.5K $\pm 5\%$, 1w	1	.....
-20	89-90927-1	BOARD, Terminal, 40 stud terminals, 1 capacitor mounting clip, 4 No. 6-32 clinch nuts	1	.....
19-	89-90929-2	TERMINAL BOARD ASSEMBLY, TB302 (See figure 10 for next higher assembly)	Ref	.....
-1	CM35B392K	CAPACITOR, Fixed, mica 3900uuf $\pm 10\%$, 500V	2	.....
-2	RC20GF431J	RESISTOR, Fixed, composition, 430 ohms $\pm 5\%$, 1/2w	1	.....
-3	RC20GF821J	RESISTOR, Fixed, composition, 820 ohms $\pm 5\%$, 1/2w	1	.....
-4	RC20GF122J	RESISTOR, Fixed, composition, 1.2K $\pm 5\%$, 1/2w	2	.....
-5	RN25R6202J	RESISTOR, Fixed, film, 62K $\pm 5\%$, 1w	2	.....
-6	89-90929-1	BOARD, Terminal, 13 stud terminals, 4 No. 6-32 clinch nuts	1	.....
20-	89-112122-2	TERMINAL BOARD ASSEMBLY, TB303 (See figure 10 for next higher assembly)	Ref	.....
-1	1N70	CRYSTAL UNIT, Rectifying	1	.....
-2	RC20GF101J	RESISTOR, Fixed, composition, 100 ohms $\pm 5\%$, 1/2w	1	.....
-3	56-112131-1	TRANSFORMER, Pulse	1	.....
-4	89-112122-1	BOARD, Terminal, 7 stud terminals	1	.....
21-	89-90930-2	TERMINAL BOARD ASSEMBLY, TB501 (See figure 8 for next higher assembly)	Ref	.....
-1	CM20B201K	CAPACITOR, Fixed, mica, 200uuf $\pm 10\%$, 500V	1	.....
-2	CM20D102J	CAPACITOR, Fixed, mica, 1000uuf $\pm 5\%$, 300V	1	.....
-3	CM30B332K	CAPACITOR, Fixed, mica, 3300uuf $\pm 10\%$, 500V	1	.....
-4	1N38	CRYSTAL UNIT, Rectifying	1	.....
-5	RC20GF470K	RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 1/2w	2	.....
-6	RC20GF202J	RESISTOR, Fixed, composition, 2K $\pm 5\%$, 1/2w	1	.....
-7	RC42GF123J	RESISTOR, Fixed, composition, 12K $\pm 5\%$, 2w	1	.....
-8	89-90930-1	BOARD, Terminal, 13 stud terminals, 4 No. 6-32 clinch nuts	1	.....

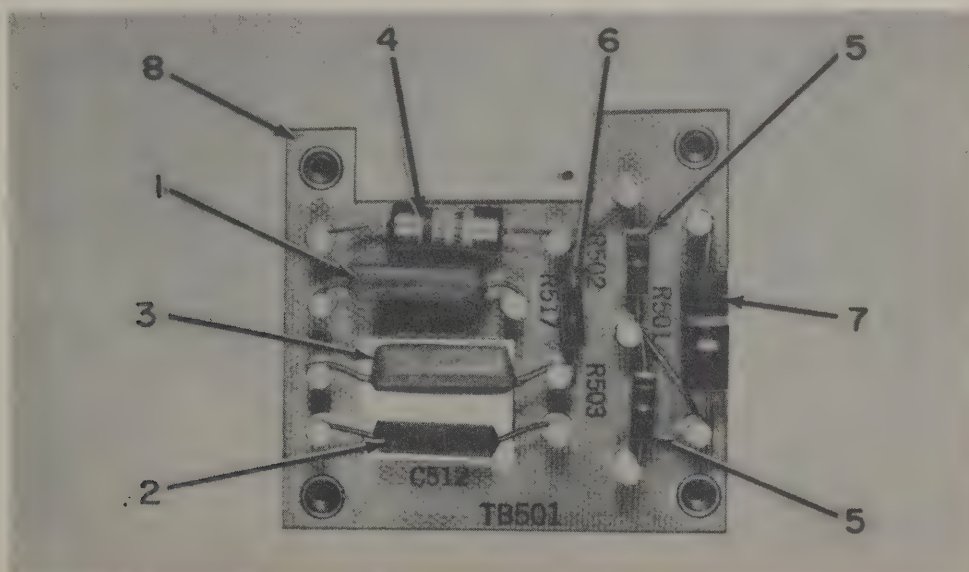


Figure 21. Terminal Board Assembly-TB501

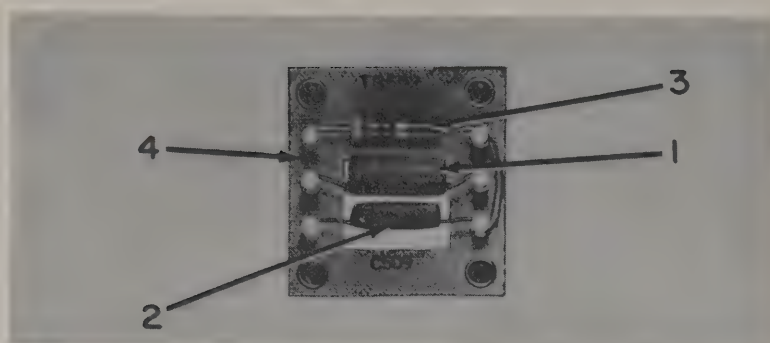


Figure 22. Terminal Board Assembly-TB502

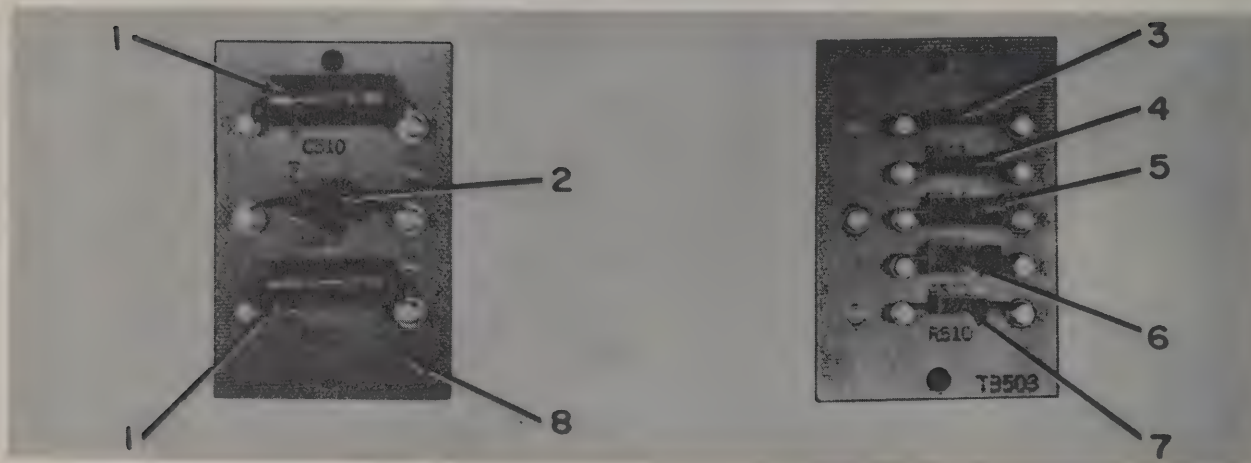


Figure 23. Terminal Board Assembly-TB503

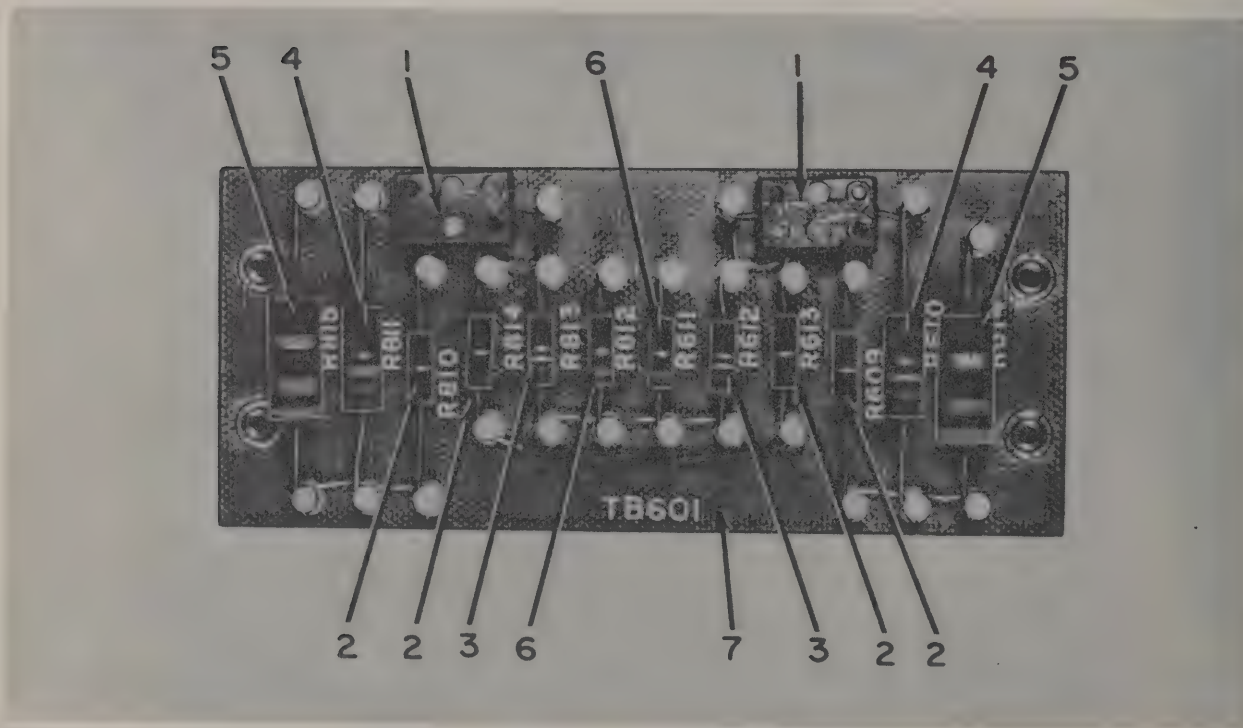


Figure 24. Terminal Board Assembly-TB601

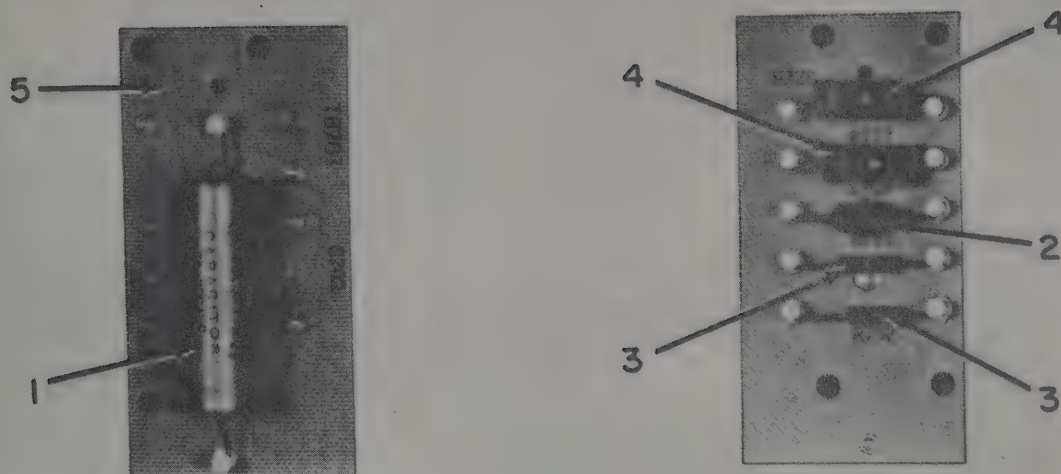


Figure 25. Terminal Board Assembly-TB701

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
22-	89-90931-2	TERMINAL BOARD ASSEMBLY, TB502 (See figure 6 for next higher assembly)	Ref	.....
-1	CM30B332K	. CAPACITOR, Fixed, mica, 3300uuf $\pm 10\%$, 500V	1	.....
-2	CM20D102J	. CAPACITOR, Fixed, mica, 1000uuf $\pm 5\%$, 300V	1	.....
-3	RC42GF432J	. RESISTOR, Fixed, composition, 4.3K $\pm 5\%$, 2w	1	.....
-4	89-90931-1	. BOARD, Terminal, 6 stud terminals, 4 No. 6-32 clinch nuts	1	.....
23-	89-90932-2	TERMINAL BOARD ASSEMBLY, TB503 (See figure 9 for next higher assembly)	Ref	.....
-1	CP04A1EE473M	. CAPACITOR, Fixed, paper, 0.047uf $\pm 20\%$, 400V	2	.....
-2	50-112123-1	. COIL, RF Peaking, 120uh $\pm 10\%$	1	.....
-3	RC20GF683J	. RESISTOR, Fixed, composition, 68K $\pm 5\%$, 1/2w	1	.....
-4	RC20GF225K	. RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	1	.....
-5	RC32GF302J	. RESISTOR, Fixed, composition, 3K $\pm 5\%$, 1w	1	.....
-6	RC32GF472J	. RESISTOR, Fixed, composition, 4.7K $\pm 5\%$, 1w	1	.....
-7	RC20GF473J	. RESISTOR, Fixed, composition, 47K $\pm 5\%$, 1/2w	1	.....
-8	89-90932-1	. BOARD, Terminal, 9 stud terminals, 4 feed through stud terminals	1	.....
24-	89-90933-2	TERMINAL BOARD ASSEMBLY, TB601 (See figure 10 for next higher assembly)	Ref	.....
-1	CM20B820K	. CAPACITOR, Fixed, mica, 82uuf $\pm 10\%$, 500V	2	.....
-2	RC20GF225K	. RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	4	.....
-3	RC20GF184K	. RESISTOR, Fixed, composition, 180K $\pm 10\%$, 1/2w	2	.....
-4	RC32GF273J	. RESISTOR, Fixed, composition, 27K $\pm 5\%$, 1w	2	.....
-5	RC42GF332K	. RESISTOR, Fixed, composition, 3.3K $\pm 10\%$, 2w	2	.....
-6	RC20GF272K	. RESISTOR, Fixed, composition, 2.7K $\pm 10\%$, 1/2w	2	.....
-7	89-90933-1	. BOARD, Terminal, 26 stud terminals, 4 No. 6-32 clinch nuts	1	.....
25-	89-90934-2	TERMINAL BOARD ASSEMBLY, TB701 (See figure 10 for next higher assembly)	Ref	.....
-1	45-90666-1	. CAPACITOR, Fixed, paper, 0.22uf $\pm 10\%$, 600V	1	.....
-2	50-112091-1	. COIL, RF Peaking, 5uh $\pm 10\%$	1	.....
-3	RC20GF100K	. RESISTOR, Fixed, composition, 10 ohms $\pm 10\%$, 1/2w	2	.....
-4	RC42GF511J	. RESISTOR, Fixed, composition, 510 ohms $\pm 5\%$, 2w	2	.....
-5	89-90934-1	. BOARD, Terminal, 12 stud terminals, 1 capacitor mounting clip	1	.....
26-	89-90935-2	TERMINAL BOARD ASSEMBLY, TB702 (See figure 10 for next higher assembly)	Ref	.....
-1	CP08A1EE104M	. CAPACITOR, Fixed, paper, 0.10uf $\pm 20\%$, 400V	1	.....
-2	1N70	. CRYSTAL UNIT, Rectifying	1	.....
-3	RC20GF470K	. RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 1/2w	2	.....
-4	RC20GF180K	. RESISTOR, Fixed, composition, 18 ohms $\pm 10\%$, 1/2w	2	.....
-5	RC42GF391J	. RESISTOR, Fixed, composition, 390 ohms $\pm 5\%$, 2w	1	.....
-6	RC42GF471J	. RESISTOR, Fixed, composition, 470 ohms $\pm 5\%$, 2w	3	.....
-7	RC20GF334K	. RESISTOR, Fixed, composition, 330K $\pm 10\%$, 1/2w	1	.....
-8	89-90935-1	. BOARD, Terminal, 16 stud terminals, 4 feed through stud terminals	1	.....

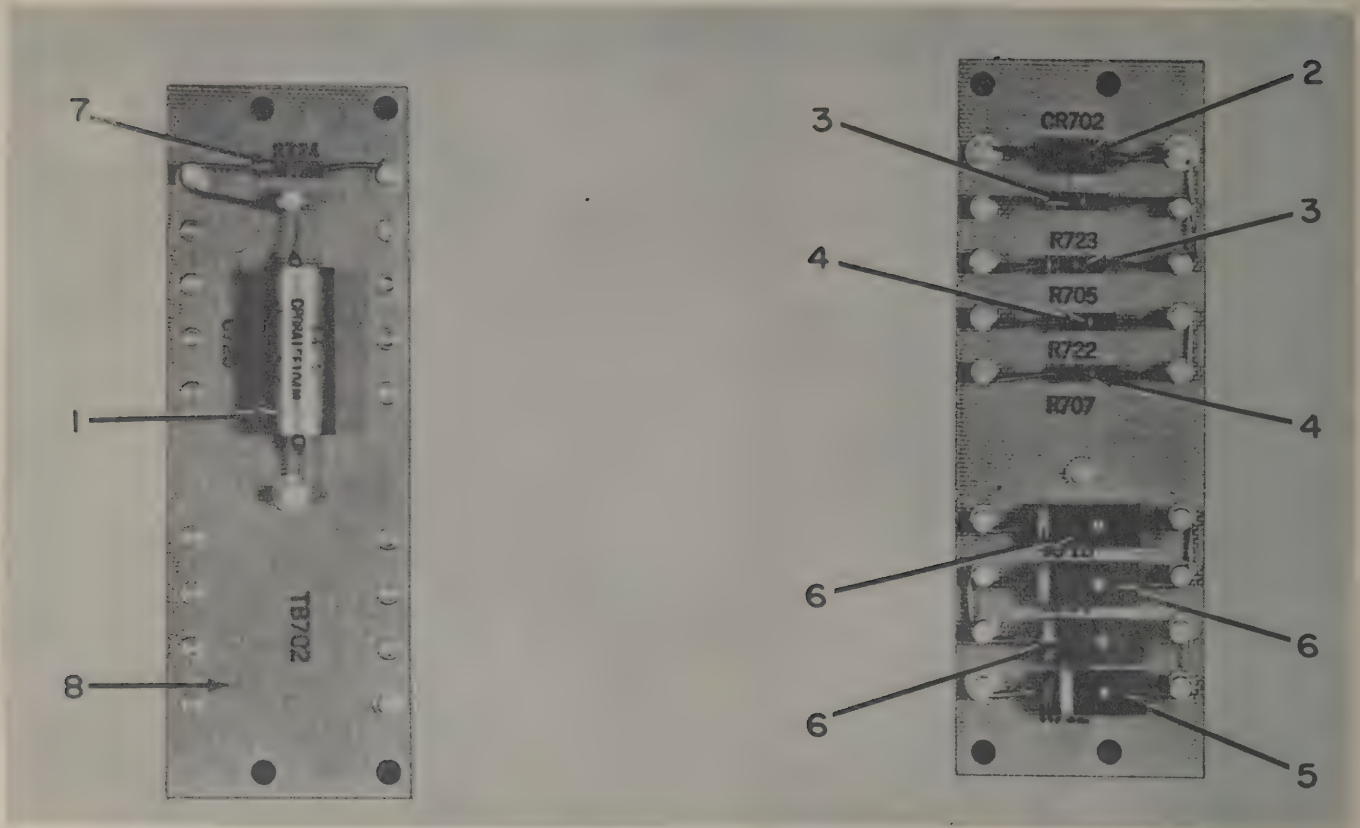


Figure 26. Terminal Board Assembly-TB702

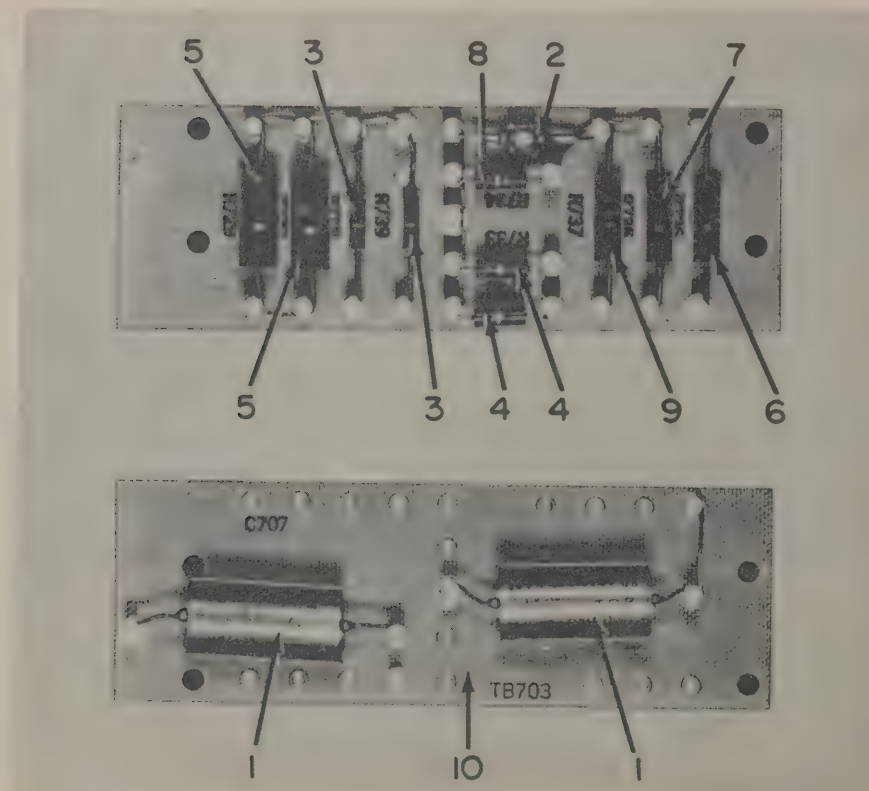


Figure 27. Terminal Board Assembly-TB703

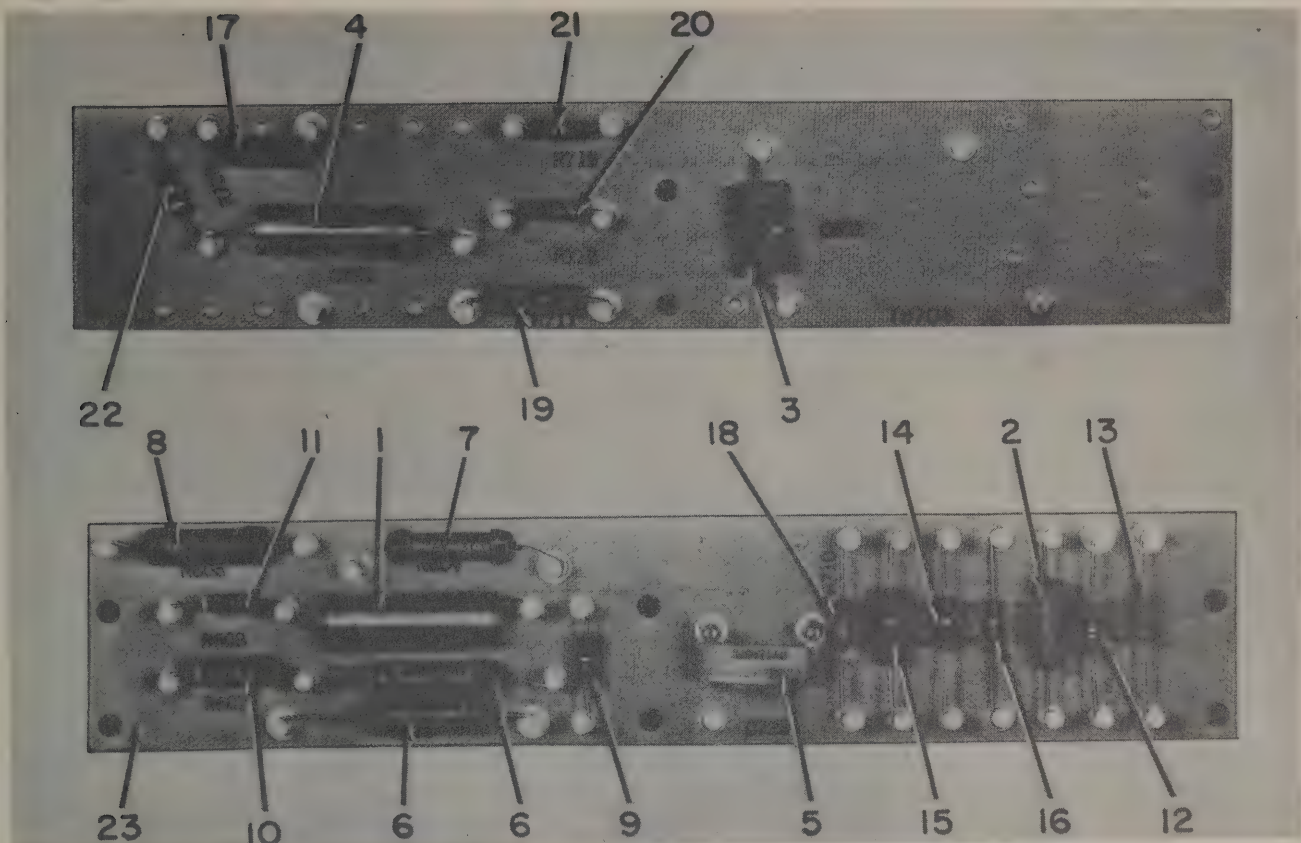


Figure 28. Terminal Board Assembly-TB704

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
27-	89-90936-2	TERMINAL BOARD ASSEMBLY, TB703 (See figure 10 for next higher assembly)	Ref	.....
-1	CP04A1EC334M	. CAPACITOR, Fixed, paper, 0.33uf $\pm 20\%$, 200V	2	.....
-2	1N55A	. CRYSTAL UNIT, Rectifying	1	.....
-3	RC20GF100K	. RESISTOR, Fixed, composition, 10 ohms $\pm 10\%$, 1/2w	2	.....
-4	RC20GF180K	. RESISTOR, Fixed, composition, 18 ohms $\pm 10\%$, 1/2w	2	.....
-5	RC42GF511J	. RESISTOR, Fixed, composition, 510 ohms $\pm 5\%$, 2w	2	.....
-6	RC32GF152J	. RESISTOR, Fixed, composition, 1.5K $\pm 5\%$, 1w	1	.....
-7	RC32GF622J	. RESISTOR, Fixed, composition, 6.2K $\pm 5\%$, 1w	1	.....
-8	RC20GF183K	. RESISTOR, Fixed, composition, 18K $\pm 10\%$, 1/2w	1	.....
-9	RC32GF273J	. RESISTOR, Fixed, composition, 27K $\pm 5\%$, 1w	1	.....
-10	89-90936-1	. BOARD, Terminal, 21 stud terminals, 4 feed through stud terminals	1	.....
28-	89-90937-2	TERMINAL BOARD ASSEMBLY, TB704 (See figure 10 for next higher assembly)	Ref	.....
-1	41-90630-1	. CAPACITOR, Fixed, electrolytic, 5uf $+75\%$ -10% , 50V	1	.....
-2	CM20B121K	. CAPACITOR, Fixed, mica, 120uuf $\pm 10\%$, 500V	1	.....
-3	CM20B511J	. CAPACITOR, Fixed, mica, 510uuf $\pm 5\%$, 500V	1	.....
-4	CP08A1EC104K	. CAPACITOR, Fixed, paper, 0.1uf $\pm 10\%$, 200V	1	.....
-5	CV11A070	. CAPACITOR, Variable, 1.5-7uf, 500V	1	.....
-6	RN25R1002J	. RESISTOR, Fixed, film, 10K $\pm 5\%$, 1w	2	.....
-7	RN25X3004F	. RESISTOR, Fixed, film, 3 meg $\pm 1\%$, 1w	1	.....
-8	RN25R3501J	. RESISTOR, Fixed, film, 3.5K $\pm 5\%$, 1w	1	.....
-9	RC20GF471K	. RESISTOR, Fixed, composition, 470 ohms $\pm 10\%$, 1/2w	1	.....
-10	RC32GF473J	. RESISTOR, Fixed, composition, 47K $\pm 5\%$, 1w	1	.....
-11	RC20GF912J	. RESISTOR, Fixed, composition, 9.1K $\pm 5\%$, 1/2w	1	.....
-12	RC20GF184K	. RESISTOR, Fixed, composition, 180K $\pm 5\%$, 1/2w	1	.....
-13	RC20GF333J	. RESISTOR, Fixed, composition, 33K $\pm 5\%$, 1/2w	1	.....
-14	RC20GF102K	. RESISTOR, Fixed, composition, 1K $\pm 10\%$, 1/2w	1	.....
-15	RC32GF562J	. RESISTOR, Fixed, composition, 5.6K $\pm 5\%$, 1w	1	.....
-16	RC20GF513J	. RESISTOR, Fixed, composition, 51K $\pm 5\%$, 1/2w	1	.....
-17	RC32GF273J	. RESISTOR, Fixed, composition, 27K $\pm 5\%$, 1w	1	.....
-18	RC20GF274J	. RESISTOR, Fixed, composition, 270K $\pm 5\%$, 1w	1	.....
-19	RC32GF183J	. RESISTOR, Fixed, composition, 18K $\pm 5\%$, 1w	1	.....
-20	RC20GF135J	. RESISTOR, Fixed, composition, 1.3 meg $\pm 5\%$, 1/2w	1	.....
-21	RC20GF274K	. RESISTOR, Fixed, composition, 270K $\pm 10\%$, 1/2w	1	.....
-22	RC20GF392K	. RESISTOR, Fixed, composition, 3.9K $\pm 10\%$, 1/2w	1	.....
-23	89-90937-1	. BOARD, Terminal, 23 stud terminals, 10 feed through stud terminals, 2 special feed through stud terminals	1	.....

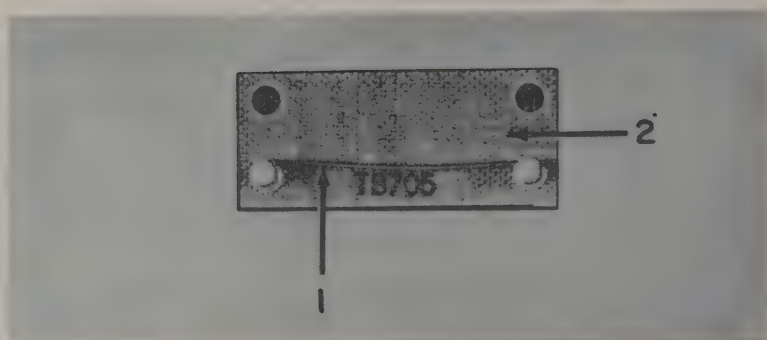


Figure 29. Terminal Board Assembly-TB705

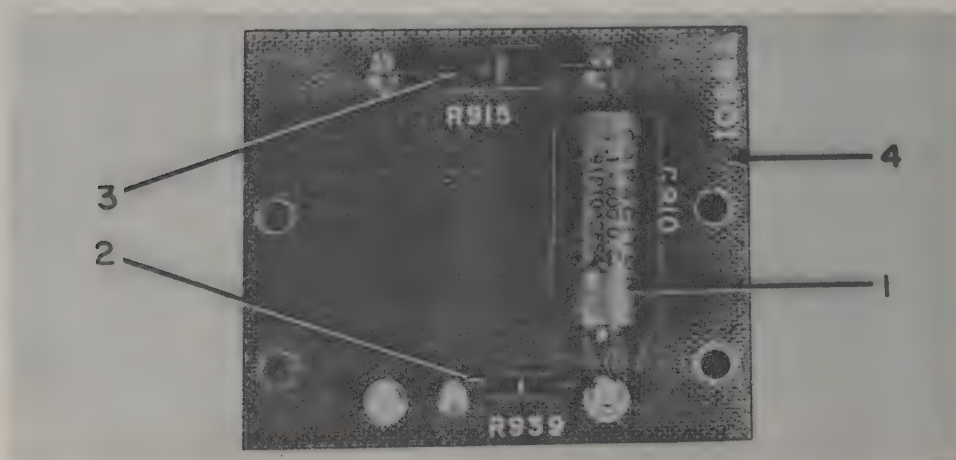


Figure 30. Terminal Board Assembly-TB901

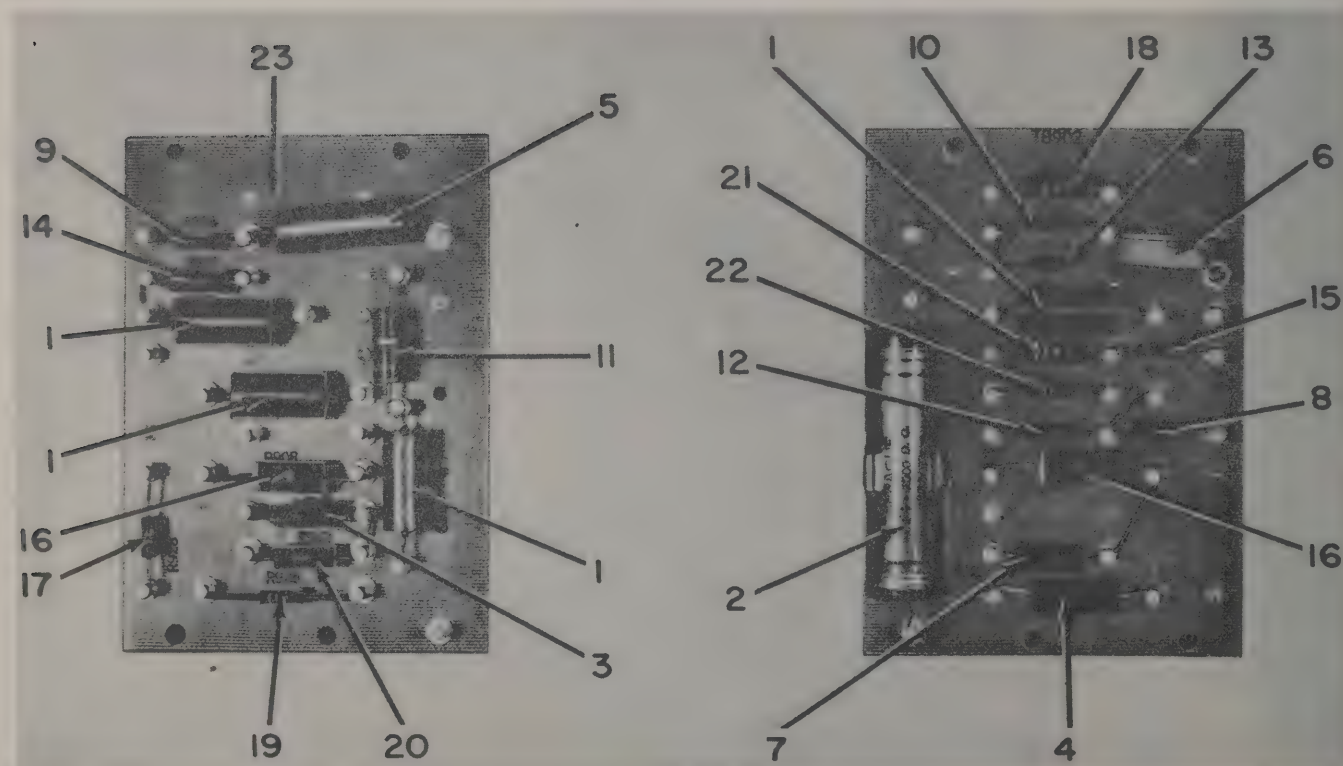


Figure 31. Terminal Board Assembly-TB902

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
29-	89-90938-2	TERMINAL BOARD ASSEMBLY, TB705 (See figure 3 for next higher assembly)	Ref	.....
-1	19-290291-20	WIRE, Tinned copper, bare, No. 20, 2-1/8 in.	1	.....
-2	89-90938-1	BOARD, Terminal, 2 stud terminals	1	.....
30-	89-90939-2	TERMINAL BOARD ASSEMBLY, TB901 (See figure 3 for next higher assembly)	Ref	.....
-1	45-90663-1	CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 600V	1	.....
-2	RC20GF225K	RESISTOR, Fixed, composition, 2.2 meg $\pm 10\%$, 1/2w	1	.....
-3	RC32GF103J	RESISTOR, Fixed, composition, 10K $\pm 5\%$, 1w	1	.....
-4	89-90939-1	BOARD, Terminal, 3 stud terminals, 2 feed through stud terminals	1	.....
31-	89-90940-2	TERMINAL BOARD ASSEMBLY, TB902 (See figure 9 for next higher assembly)	Ref	.....
-1	CP04A1EE473M	CAPACITOR, Fixed, paper, 0.047uf $\pm 20\%$, 400V	4	.....
-2	45-112132-1	CAPACITOR, Fixed, paper, 0.05uf $\pm 20\%$ -10%, 2500V	1	.....
-3	CM20B221K	CAPACITOR, Fixed, mica, 220uuf $\pm 10\%$, 500V	1	.....
-4	CM35B392K	CAPACITOR, Fixed, mica, 3900uuf $\pm 10\%$, 500V	1	.....
-5	41-90630-1	CAPACITOR, Fixed, electrolytic, 5uf $\pm 75\%$ -10%, 50V	1	.....
-6	CV11C450	CAPACITOR, Variable, 7.0-45uuf, 500V	1	.....
-7	CM20B250K	CAPACITOR, Fixed, mica, 25uuf $\pm 10\%$, 500V	1	.....
-8	RC20GF471K	RESISTOR, Fixed, composition, 470 ohms $\pm 10\%$, 1/2w	1	.....
-9	RC20GF102K	RESISTOR, Fixed, composition, 1K $\pm 10\%$, 1/2w	1	.....
-10	RC20GF122J	RESISTOR, Fixed, composition, 1.2K $\pm 5\%$, 1/2w	1	.....
-11	RC42GF332K	RESISTOR, Fixed, composition, 3.3K $\pm 10\%$, 2w	1	.....
-12	RC20GF562K	RESISTOR, Fixed, composition, 5.6K $\pm 10\%$, 1/2w	1	.....
-13	RC20GF332J	RESISTOR, Fixed, composition, 3.3K $\pm 5\%$, 1/2w	1	.....
-14	RC32GF153J	RESISTOR, Fixed, composition, 15K $\pm 5\%$, 1w	1	.....
-15	RC20GF243J	RESISTOR, Fixed, composition, 24K $\pm 5\%$, 1/2w	1	.....
-16	RC42GF913J	RESISTOR, Fixed, composition, 91K $\pm 5\%$, 2w	2	.....
-17	RC20GF104K	RESISTOR, Fixed, composition, 100K $\pm 10\%$, 1/2w	1	.....
-18	RC32GF104J	RESISTOR, Fixed, composition, 100K $\pm 5\%$, 1w	1	.....
-19	RC20GF244J	RESISTOR, Fixed, composition, 240K $\pm 5\%$, 1/2w	1	.....
-20	RC32GF364J	RESISTOR, Fixed, composition, 360K $\pm 5\%$, 1w	1	.....
-21	RC32GF394K	RESISTOR, Fixed, composition, 390K $\pm 10\%$, 1w	1	.....
-22	RC20GF105K	RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1/2w	1	.....
-23	89-90940-1	BOARD, Terminal, 19 stud terminals, 16 feed through stud terminals, 2 special feed through stud terminals, 1 capacitor mounting clip	1	.....

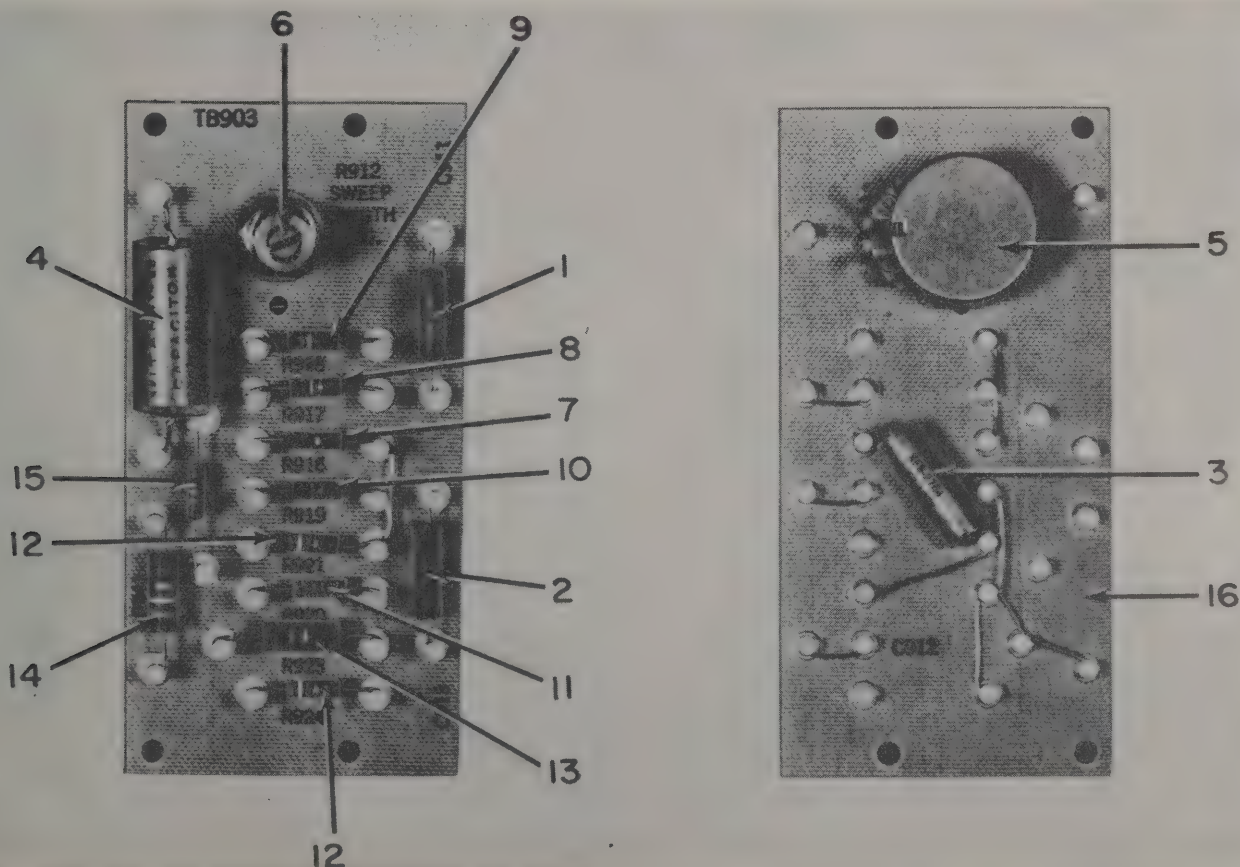


Figure 32. Terminal Board Assembly-TB903

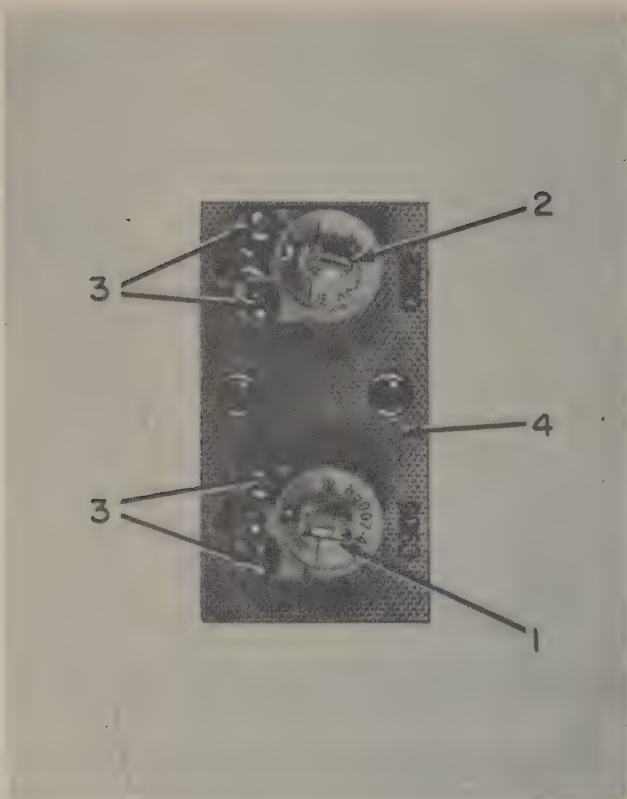


Figure 33. Terminal Board Assembly-T904

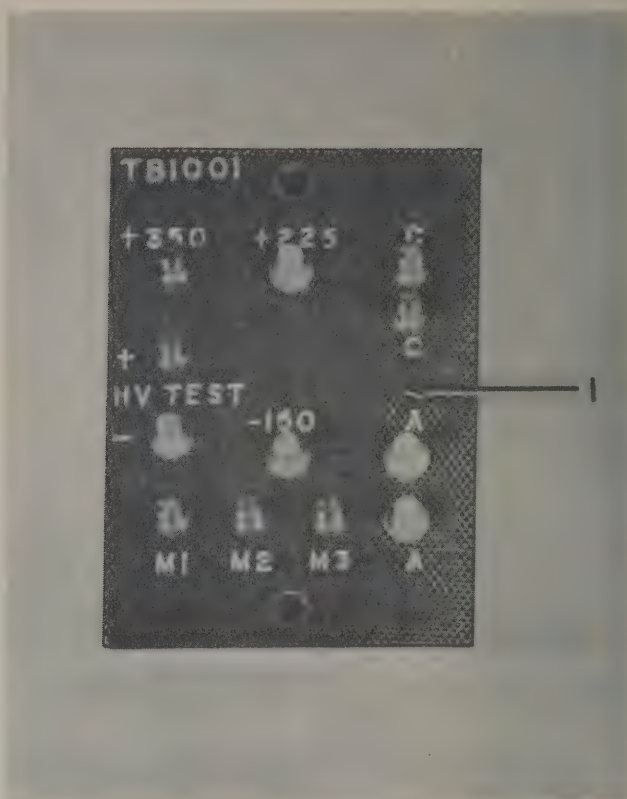


Figure 34. Terminal Board Assembly-TB1001

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
32-	89-90941-2	TERMINAL BOARD ASSEMBLY, TB903 (See figure 9 for next higher assembly)	Ref	.....
-1	CM20B121K	. CAPACITOR, Fixed, mica, 120uuf $\pm 10\%$, 500V	1	.....
-2	CM20B431J	. CAPACITOR, Fixed, mica, 430uuf $\pm 5\%$, 500V	1	.....
-3	CP09A1EE103M	. CAPACITOR, Fixed, paper, 0.01uf $\pm 20\%$ -10%, 400V	1	.....
-4	45-90663-1	. CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 600V	1	.....
-5	RV4ATSC104B	. RESISTOR, Variable, 100K $\pm 20\%$, 2w	1	.....
		(ATTACHING PARTS)		
	70D-3102004-80	. WASHER, Internal tooth lock, 3/8 in. ID	1	.....
	71-81956-2	. NUT, Hex, No. 3/8-32	1	.....
		- - - * - - -		
-6	89-82298-2	. BUSHING ASSEMBLY, Locking	1	.....
-7	RC20GF562K	. RESISTOR, Fixed, composition, 5.6K $\pm 10\%$, 1/2w	1	.....
-8	RC20GF104K	. RESISTOR, Fixed, composition, 100K $\pm 10\%$, 1/2w	1	.....
-9	RC20GF134J	. RESISTOR, Fixed, composition, 130K $\pm 5\%$, 1/2w	1	.....
-10	RC20GF103J	. RESISTOR, Fixed, composition, 10K $\pm 5\%$, 1/2w	1	.....
-11	RC20GF333J	. RESISTOR, Fixed, composition, 33K $\pm 5\%$, 1/2w	1	.....
-12	RC20GF293K	. RESISTOR, Fixed, composition, 39K $\pm 10\%$, 1/2w	2	.....
-13	RC32GF823K	. RESISTOR, Fixed, composition, 82K $\pm 10\%$, 1w	1	.....
-14	RC20GF563K	. RESISTOR, Fixed, composition, 56K $\pm 10\%$, 1/2w	1	.....
-15	RC20GF223J	. RESISTOR, Fixed, composition, 22K $\pm 5\%$, 1/2w	1	.....
-16	89-90941-1	. BOARD, Terminal, 26 feed through stud terminals	1	.....
33-	89-90942-2	TERMINAL BOARD ASSEMBLY, TB904 (See figure 9 for next higher assembly)	Ref	.....
-1	CV11C450	. CAPACITOR, Variable, 7.0-45uuf, 500V	1	.....
-2	CV11C300	. CAPACITOR, Variable, 4.0-30uuf, 500V	1	.....
		(ATTACHING PARTS)		
-3	70A-3700416-480	. SCREW, FH h, No. 4-40 by 1/2 in.	4	.....
	70D-4000504-80	. WASHER, Flat, plain, No. 4	4	.....
	71-81857-8	. WASHER, Flat, nylon, No. 4	4	.....
	70D-3010404-80	. WASHER, Split lock, No. 4	4	.....
	70C-3010404-80	. NUT, Hex, No. 4-40	4	.....
		- - - * - - -		
-4	89-90942-1	. BOARD, Terminal, 2 No. 6-32 clinch nuts	1	.....
34-	89-90943-1	. BOARD, Terminal, TB1001, 7 stud terminals, 5 feed through stud terminals (See figure 9 for next higher assembly)	Ref	.....

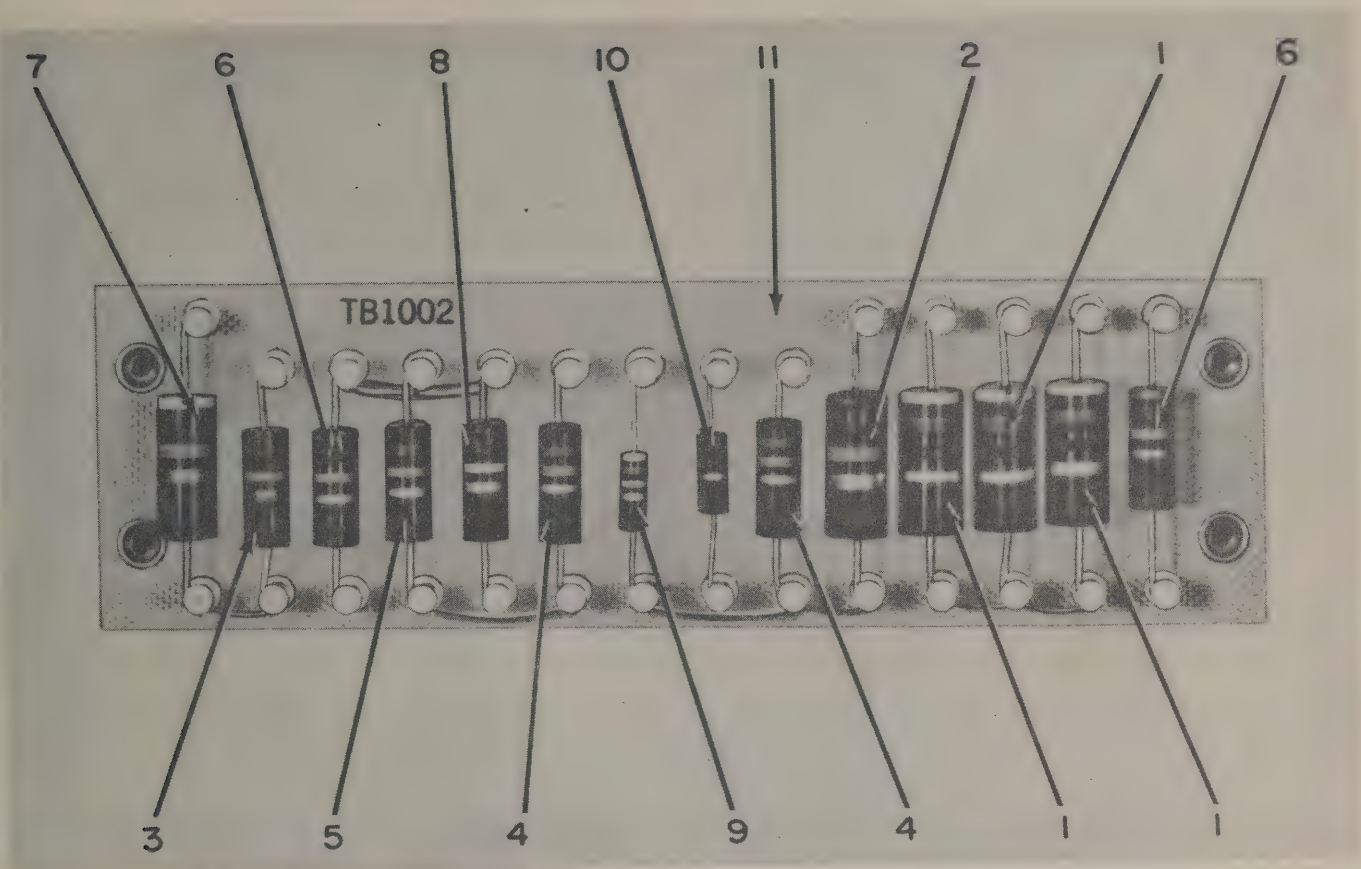


Figure 35. Terminal Board Assembly-TB1002

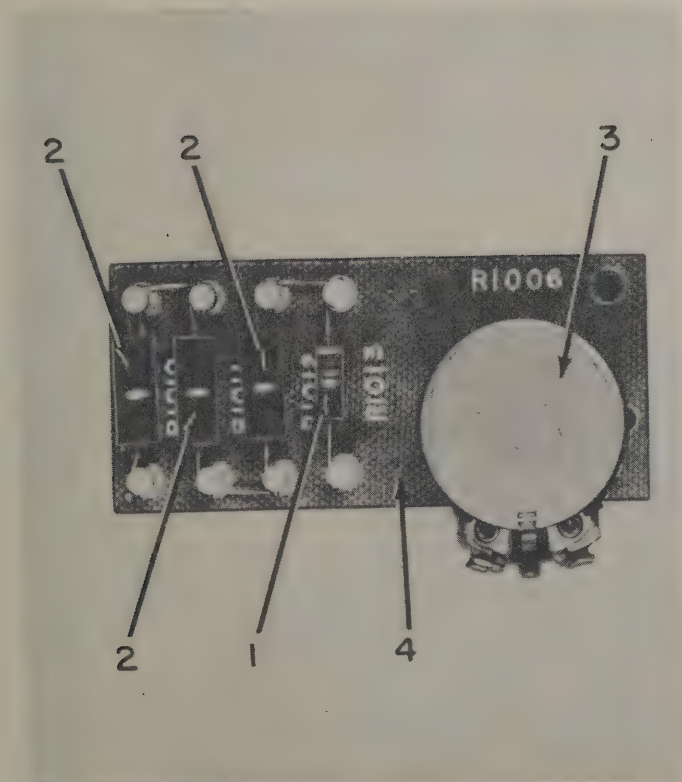


Figure 36. Terminal Board Assembly-TB1003

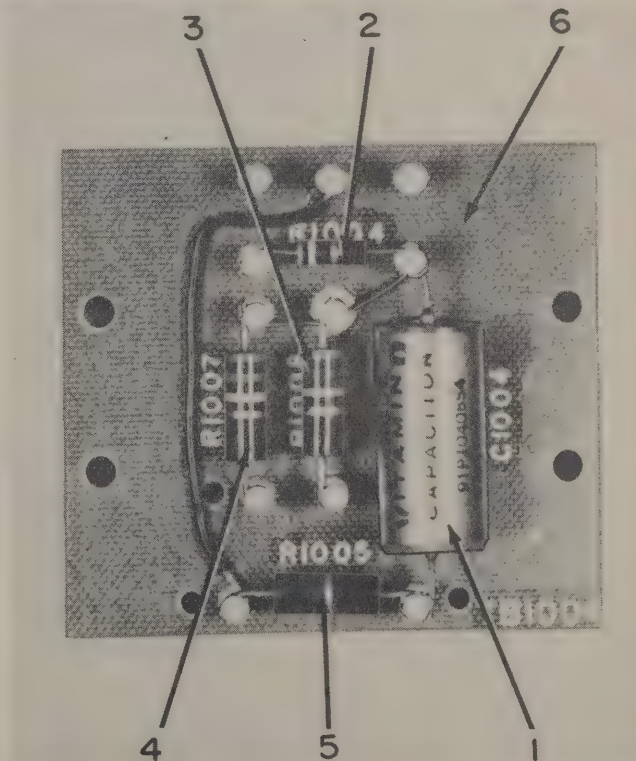


Figure 37. Terminal Board Assembly-TB1004

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

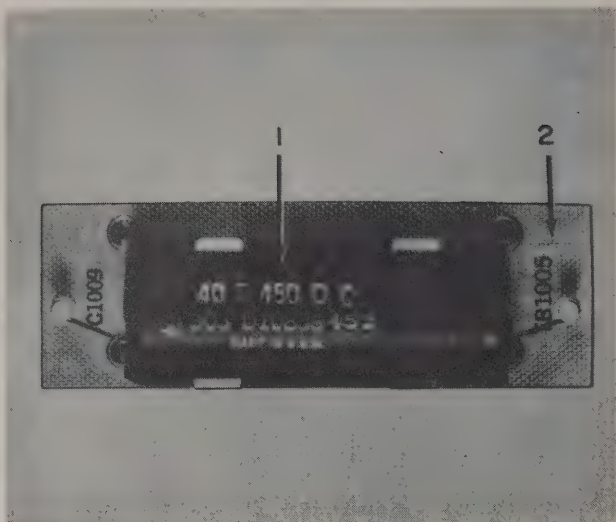


Figure 38. Terminal Board Assembly-TB1005

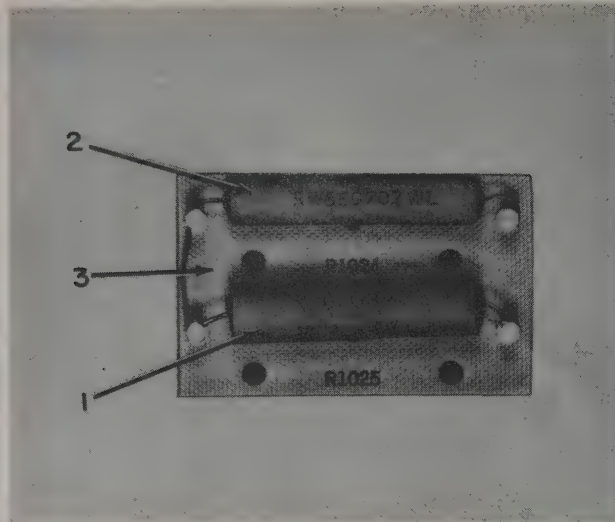


Figure 39. Terminal Board Assembly-TB1006

FIG. & INDEX NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.	USABLE ON CODE
		1 2 3 4 5 6 7		
35-	89-90944-2	TERMINAL BOARD ASSEMBLY, TB1002 (See figure 10 for next higher assembly)	Ref	
-1	RC42GF470K	. RESISTOR, Fixed, composition, 47 ohms $\pm 10\%$, 2w	3	
-2	RC42GF123K	. RESISTOR, Fixed, composition, 12K $\pm 10\%$, 2w	1	
-3	RC32GF153J	. RESISTOR, Fixed, composition, 15K $\pm 5\%$, 1w	1	
-4	RC32GF183K	. RESISTOR, Fixed, composition, 18K $\pm 10\%$, 1w	2	
-5	RC32GF563K	. RESISTOR, Fixed, composition, 56K $\pm 10\%$, 1w	1	
-6	RC32GF823K	. RESISTOR, Fixed, composition, 82K $\pm 10\%$, 1w	2	
-7	RC42GF913J	. RESISTOR, Fixed, composition, 91K $\pm 5\%$, 2w	1	
-8	RC32GF224K	. RESISTOR, Fixed, composition, 220K $\pm 10\%$, 1w	1	
-9	RC20GF474K	. RESISTOR, Fixed, composition, 470K $\pm 10\%$, 1/2w	1	
-10	RC20GF105K	. RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1/2w	1	
-11	89-90944-1	. BOARD, Terminal, 28 stud terminals, 4 No. 6-32 clinch nuts	1	
36-	89-90945-2	TERMINAL BOARD ASSEMBLY, TB1003 (See figure 3 for next higher assembly)	Ref	
-1	RC20GF473K	. RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1/2w	1	
-2	RC32GF105K	. RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1w	3	
-3	3K-25362	. RESISTOR, Variable, 2 section, 400K, 250K $\pm 20\%$, 1/2w	1	
		(ATTACHING PARTS)		
	No number	. WASHER, Internal tooth lock, 3/8 in. ID	1	
	No number	. NUT, Hex, No. 3/8-32	1	
-4	89-90945-1	. BOARD, Terminal, 8 stud terminals	1	
37-	89-90946-2	TERMINAL BOARD ASSEMBLY, TB1004 (See figure 3 for next higher assembly)	Ref	
-1	45-90663-1	. CAPACITOR, Fixed, paper, 0.1uf $\pm 20\%$, 600V	1	
-2	RC20GF392K	. RESISTOR, Fixed, composition, 3.9K $\pm 10\%$, 1/2w	1	
-3	RC32GF823K	. RESISTOR, Fixed, composition, 82K $\pm 10\%$, 1w	1	
-4	RC32GF684J	. RESISTOR, Fixed, composition, 680K $\pm 5\%$, 1w	1	
-5	RC32GF105K	. RESISTOR, Fixed, composition, 1 meg $\pm 10\%$, 1w	1	
-6	89-90946-1	. BOARD, Terminal, 10 stud terminals, 1 feed through stud terminal	1	
38-	89-90947-2	TERMINAL BOARD ASSEMBLY, TB1005 (See figure 10 for next higher assembly)	Ref	
-1	41-90629-1	. CAPACITOR, Fixed, electrolytic, 40uf $\pm 40\%$ -10%, 450V	1	
-2	89-90947-1	. BOARD, Terminal, 2 stud terminals, 2 capacitor mounting clips, 4 No. 6-32 clinch nuts	1	
39-	89-90948-2	TERMINAL BOARD ASSEMBLY, TB1006 (See figure 10 for next higher assembly)	Ref	
-1	RW56G252	. RESISTOR, Fixed, wire wound, 2.5K $\pm 5\%$, 10w	1	
-2	RW56G202	. RESISTOR, Fixed, wire wound, 2K $\pm 5\%$, 10w	1	
-3	89-90948-1	. BOARD, Terminal, 4 stud terminals, 2 capacitor mounting clips	1	

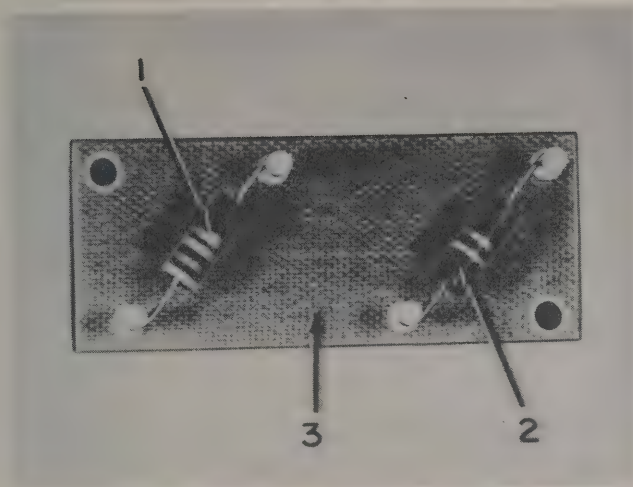


Figure 40. Terminal Board Assembly-TB1007

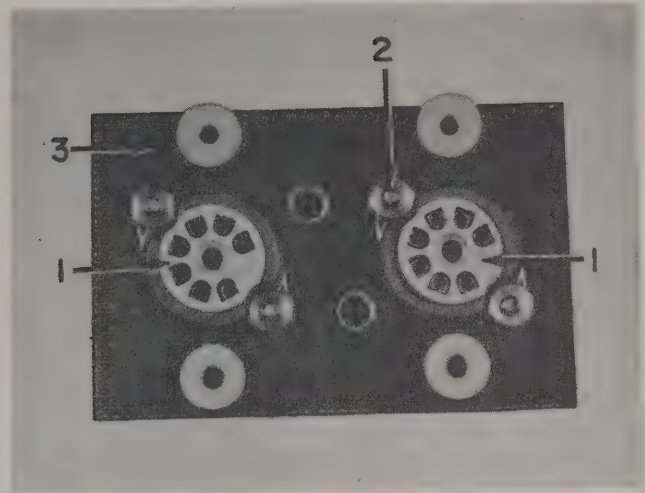


Figure 41. Terminal Board Assembly-TB1008

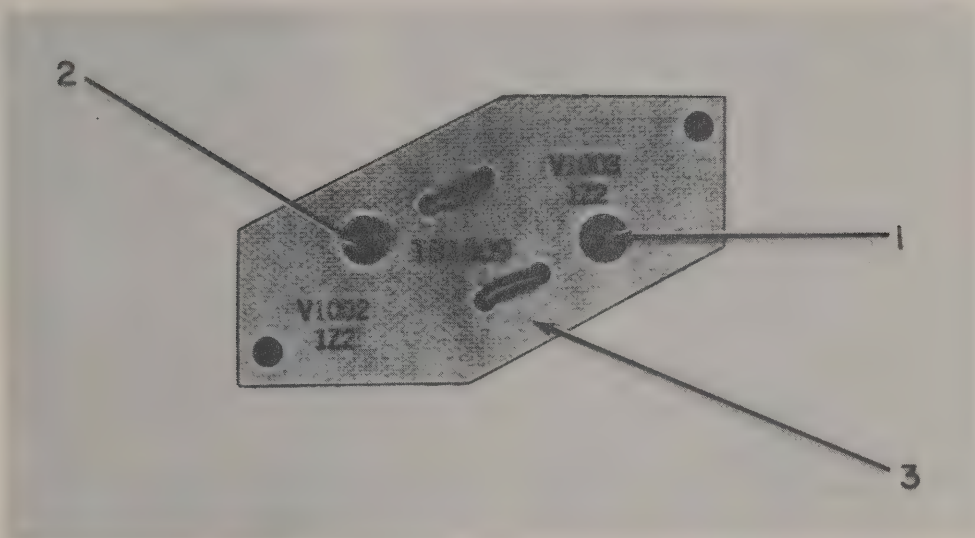


Figure 42. Terminal Board Assembly-TB1009

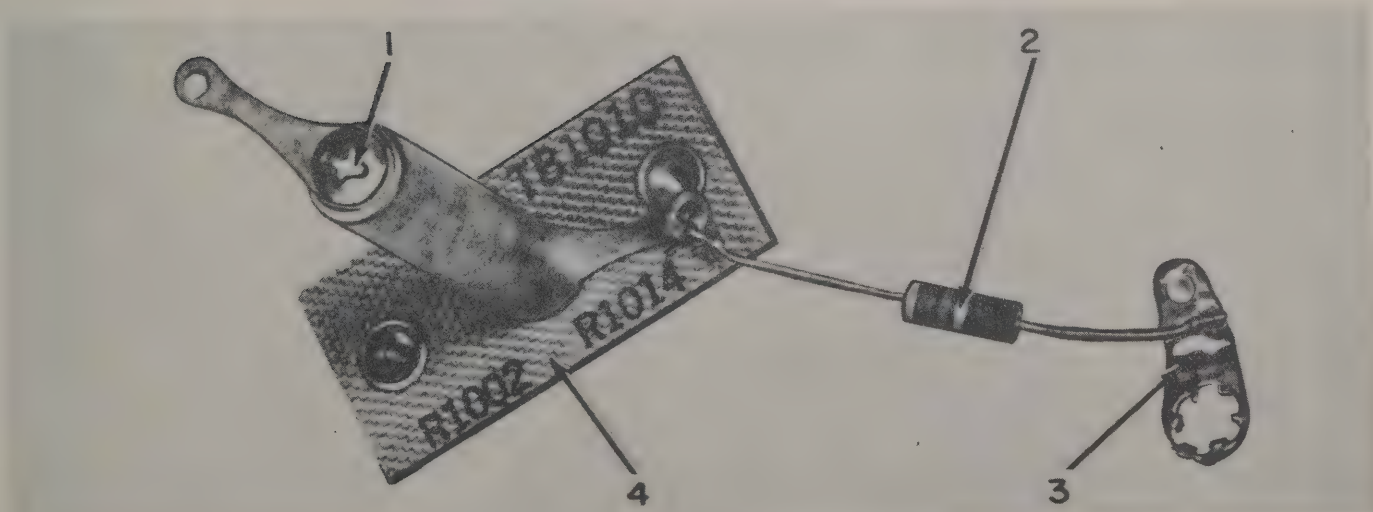


Figure 43. Terminal Board Assembly-TB1010

Section II
Group Assembly Parts List

NAVAER 16-30UPM55-504

FIG. & INDEX NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.	USABLE ON CODE
		1	2	3	4	5	6	7		
40-	89-90949-2	TERMINAL BOARD ASSEMBLY, TB1007 (See figure 10 for next higher assembly)							Ref	.....
-1	RC32GF473K	. RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1w							1	.....
-2	RC32GF104K	. RESISTOR, Fixed, composition, 100K $\pm 10\%$, 1w							1	.....
-3	89-90949-1	. BOARD, Terminal, 4 stud terminals							1	.....
41-	89-90950-1	TERMINAL BOARD ASSEMBLY, TB1008 (See figure 10 for next higher assembly)							Ref	.....
-1	72-112098-1	. SOCKET, Electron tube, 7 pin miniature, ceramic							2	.....
		(ATTACHING PARTS)								
-2	70A-3800410-480	. SCREW, Binding hd, No. 4-40 by 5/16 in.							4	.....
	70D-3010404-80	. WASHER, Split lock, No. 4							4	.....
	70C-3010404-80	. NUT, Hex, No. 4-40							4	.....
		- - - * - - -								
-3	86-90853-2	. BOARD, Terminal							1	.....
42-	89-90951-1	TERMINAL BOARD ASSEMBLY, TB1009 (See figure 3 for next higher assembly)							Ref	.....
-1	73-80731-3	. CLIP, Electrical insulating							1	.....
-2	73-80731-4	. CLIP, Electrical insulating							1	.....
-3	86-90854-2	. BOARD, Terminal							1	.....
43-	89-90952-2	TERMINAL BOARD ASSEMBLY, TB1010 (See figure 10 for next higher assembly)							Ref	.....
-1	3M-24576	. RESISTOR, Fixed, film, 25 meg $\pm 15\%$, 2w							1	.....
		(ATTACHING PARTS)								
	70A-3800612-480	. SCREW, Binding hd, No. 6-32 by 3/8 in.							1	.....
	70D-3010604-80	. WASHER, Split lock, No. 6							1	.....
	70D-4000704-80	. WASHER, Flat, No. 6							1	.....
		- - - * - - -								
-2	RC20GF473K	. RESISTOR, Fixed, composition, 47K $\pm 10\%$, 1/2w							1	.....
-3	73-90846-2	. TERMINAL, Ground lug, No. 6							1	.....
-4	89-90952-1	. BOARD, Terminal, 2 No. 6-32 clinch nuts							1	.....

SECTION III

NUMERICAL INDEX

PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE
CE31F120R	9-70	3	H2R-24539*	5B-10	1	RC20GF473J	23-7	1
CE32C250N	10-27	1	K1065P-1*	4-6	1	RC20GF473K	9-42	5
CE33C200M	9-71	2	MX-1587/UPM-55	2-12	1	RC20GF474K	10-48	3
CE42F400R	10-57	2		2A-		RC20GF510J	8-23	2
CG-530/U	2-10	2	RC20GF100J	9-49	1	RC20GF511J	7-18	3
CM15B220J	7-27	3	RC20GF100K	25-3	4	RC20GF513J	28-16	1
CM15B330K	9-15	1	RC20GF101J	5B-23	2	RC20GF562K	31-12	2
CM15D221J	8-4	1	RC20GF102K	9-41	4	RC20GF563K	32-14	1
CM20B100K	10-43	2	RC20GF103J	9-43	3	RC20GF621J	15-4	1
CM20B121K	9-20	5	RC20GF104J	12-3	1	RC20GF683J	23-3	1
CM20B201K	21-1	1	RC20GF104K	7-9	6	RC20GF821J	19-3	1
CM20B221K	31-3	1	RC20GF105J	2A-16	3	RC20GF823J	8-16	1
CM20B240K	5B-15	1	RC20GF105K	9-33	5	RC20GF912J	9-46	3
CM20B250K	31-7	1	RC20GF122J	19-4	3	RC20GF913J	18-15	1
CM20B300J	8-5	1	RC20GF132J	9-44	1	RC32GF103J	30-3	1
CM20B351J	9-16	1	RC20GF134J	18-11	2	RC32GF104J	31-18	1
CM20B431J	9-19	2	RC20GF135J	28-20	1	RC32GF104K	40-2	1
CM20B470K	10-44	1	RC20GF152J	8-21	2	RC32GF105K	36-2	4
CM20B471K	9-37	1	RC20GF153J	18-12	1	RC32GF152J	27-6	1
CM20B511J	18-2	3	RC20GF153K	9-32	1	RC32GF153J	31-14	2
CM20B820K	24-1	2	RC20GF180K	26-4	4	RC32GF183J	28-19	1
CM20C101J	7-24	1	RC20GF182J	9-36	2	RC32GF183K	18-7	3
CM20D102J	8-3	3	RC20GF183K	27-8	1	RC32GF224K	35-8	1
CM20D151J	9-22	1	RC20GF184K	9-28	4	RC32GF273J	24-4	4
CM20D381J	5B-29	2	RC20GF200J	9-48	1	RC32GF302J	23-5	1
CM20D821J	9-47	1	RC20GF201J	11-3	1	RC32GF333J	12-2	2
CM30B332K	21-3	2	RC20GF202J	8-7	3	RC32GF364J	31-20	1
CM30B821J	8-6	2	RC20GF223J	32-15	1	RC32GF394K	31-21	1
CM30D122J	7-26	1	RC20GF223K	10-37	1	RC32GF472J	23-6	1
CM35B392K	9-18	4	RC20GF225K	8-22	9	RC32GF473J	11-7	3
CM35D562J	8-2	1	RC20GF243J	18-13	2	RC32GF473K	16-8	3
CP04A1EC334M	16-1	4	RC20GF244J	31-19	1	RC32GF562J	28-15	1
CP04A1EE473M	23-1	6	RC20GF272K	11-6	4	RC32GF563K	35-5	1
CP08A1EC104K	28-4	1	RC20GF272J	7-16	2	RC32GF622J	27-7	1
CP08A1EC105M	11-2	1	RC20GF274J	28-18	1	RC32GF682J	15-6	1
CP08A1EE104M	26-1	1	RC20GF274K	28-21	1	RC32GF684J	37-4	1
CP09A1EC474M	16-2	1	RC20GF300J	9-45	1	RC32GF753J	11-8	1
CP09A1EE103M	10-42	2	RC20GF302J	8-13	1	RC32GF823K	32-13	4
CP54B1EF104V	9-68	3	RC20GF304J	9-34	1	RC42GF123J	21-7	1
CP54B1EF504M	9-67	3	RC20GF332J	31-13	1	RC42GF123K	18-6	3
CP54B6EG104M	10-29	1	RC20GF333J	28-13	2	RC42GF153K	15-7	1
CP69B5EF104V	5B-37	4	RC20GF334K	12-4	2	RC42GF154J	9-24	1
CP70E1EK254V	10-55	3	RC20GF392K	10-49	3	RC42GF332K	9-27	5
CV11A070	28-5	1	RC20GF393K	9-35	3	RC42GF334J	9-23	1
CV11B130	7-23	4	RC20GF395J	18-9	1	RC42GF391J	26-5	1
CV11B200	7-22	1	RC20GF431J	11-4	2	RC42GF432J	22-4	1
CV11C300	2A-15	2	RC20GF432J	8-15	1	RC42GF470K	35-1	3
CV11C450	31-6	2	RC20GF470K	5B-16	11	RC42GF471J	26-6	3
CX-337/U	2-11	1	RC20GF471J	11-5	1	RC42GF473J	9-25	1
CY-1537/UPM-55	2-1	1	RC20GF471K	28-9	2	RC42GF511J	25-4	4
F03G5R00B	7-	4	RC20GF472J	8-14	1	RC42GF913J	31-16	3
H2R-24536*	9-26	1	RC20GF472K	9-30	2			

* Reference part number. Not listed in Part No. column of Section II.

Section III
Numerical Index

NAVAER 16-30UPM55-504

PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE
RG-62/U	2-10	AR	13D206264-1*	3-13	1	35D2076471-1*	28-9	2
RN20R1002F	7-36	1	13D206274-1*	3-26	1	-5*	11-5	1
RN20R1003F	7-34	1	13D206277-1*	3-21	6	35D2076472-1*	9-30	2
RN20R1253F	2A-17	1	13D206286-1*	3-11	2	-5*	8-14	1
RN20R1802F	7-13	1	13D206287-1*	3-9	2	35D2076473-1*	9-42	5
RN20R1803F	7-12	1	13D206300-1*	3-19	2	-5*	23-7	1
RN20R1941F	7-14	1	13D206329-1*	3-25	1	35D2076474-1*	10-48	3
RN20R3302F	7-35	1	13D206363-1*	7-15	1	35D2076510-5*	8-23	2
RN20R3303F	7-33	1	13D206388-1*	3-10	8	35D2076511-5*	7-18	3
RN20X6703F	7-28	1	13D206573-1*	3-24	1	35D2076513-5*	28-16	1
RN20X9003F	7-29	1	13D206590-1*	3-23	1	35D2076562-1*	31-12	2
RN20X9703F	7-30	1	13D206604-1*	3-22	1	35D2076563-1*	32-14	1
RN20X9903F	7-31	1	13D206605-1*	3-17	6	35D2076621-5*	15-4	1
RN25R1002J	18-17	4	13D206613-1*	3-16	3	35D2076683-5*	23-3	1
RN25R1303F	5B-7	2	18-290291-20*	29-1	AR	35D2076821-5*	19-3	1
RN25R1304F	5B-8	2	19E06200-1*	2-8	AR	35D2076823-5*	8-16	1
RN25R3501J	18-19	2	2R-24537	7-37	1	35D2076912-5*	9-46	3
RN25R6202J	19-5	2	2R-24538	7-11	1	35D3276103-5*	30-3	1
RN25X3004F	18-18	2	2R-24540	7-15	1	35D3276104-1*	40-2	1
RN30X1305F	5B-9	2	2U-4527	2-11	1	-5*	31-18	1
RV4ATSA103B	10-61	2	23-112274-1	6-	1	35D3276105-5*	36-2	4
RV4ATSC102B	7-44	3	23-112278-1	6-4	1	35D3276152-5*	27-6	1
RV4ATSC104B	7-43	2	23-90907-1	3-5	1	35D3276153-5*	31-14	2
RV4ATSC154B	7-42	2		6-		35D3276183-1*	18-7	3
RV4ATSC253B	9-58	2	29-290416-126*	7-	4	-5*	28-19	1
RV4ATSC502B	15-3	1	3K-25362	36-3	1	35D3276224-1*	35-8	1
RV4ATSC503B	10-34	1	3M-24576	43-1	1	35D3276273-5*	24-4	4
RW22G122	10-25	1	3R-24339	7-41	2	35D3276302-5*	23-5	1
RW22G501	10-26	1	3V-24118	7-40	1	35D3276333-5*	12-2	2
RW55G102	13-1	2	3V-24334	5B-28	1	35D3276364-5*	31-20	1
RW56G202	39-2	1	30-200004-44	5B-6	3	35D3276394-1*	31-21	1
RW56G252	39-1	1		7-53		35D3276472-5*	23-6	1
ST12D	7-49	1	30-90837-1	5B-1	1	35D3276473-1*	16-8	3
ST22N	7-48	1	33-112115-1	5B-10	1	-5*	11-7	3
TS101P01	9-77	7	33-81606-1*	7-48	1	35D3276562-5*	28-15	1
TS102P01	5B-35	22	33-90670-1	8-8	1	35D3276563-1*	35-5	1
TS102U01	3-27	8	33-90671-1	7-19	1	35D3276622-5*	27-7	1
TS102U02	3-28	8	33-90672-1	7-17	1	35D3276682-5*	15-6	1
TS102U03	3-29	4	33-90844-1*	7-49	1	35D3276684-5*	37-4	1
TS103P01	5B-36	17	33-90985-1	9-26	1	35D3276753-5*	11-8	1
TS103U02	3-30	12	35-90918-1*	5B-9	2	35D3276823-1*	32-13	4
UG-185/U	5A-4	9	35D2076100-1*	25-3	4	35D4276123-1*	18-6	3
UG-201/U	2-3	2	-5*	9-49	1	-5*	21-7	1
UG-255/U	2-4	2	35D2076101-5*	5B-23	2	35D4276153-1*	15-7	1
UG-273/U	2-5	2	35D2076102-1*	9-41	4	35D4276154-5*	9-24	1
UG-349/U	2-6	2	35D2076103-5*	9-43	3	35D4276332-1*	9-27	5
UG-260/U	2-10	5	35D2076104-1*	7-9	6	35D4276334-5*	9-23	1
0A2	3-8	2	-5*	12-3	1	35D4276391-5*	26-5	1
01-90953-1*	1-	1	35D2076105-1*	9-33	5	35D4276432-5*	22-4	1
01-90954-1	3-	1	-5*	2A-16	3	35D4276470-1*	35-1	3
02-90980-1	3-59	1	35D2076122-5*	19-4	3	35D4276471-5*	26-6	3
	8-		35D2076132-5*	9-44	1	35D4276473-5*	9-25	1
02-90981-1	3-61	1	35D2076134-5*	18-11	3	35D4276511-5*	25-4	4
	10-		35D2076135-5*	28-21	1	35D4276913-5*	31-16	3
02-90982-1	3-60	1	35D2076152-5*	8-20	2	35E2011002-1*	7-36	1
	9-		35D2076153-1*	9-32	1	35E2011003-1*	7-34	1
02-90986-1	3-2	1	-5*	18-12	1	35E2011253-1*	2A-17	1
	5A-		35D2076180-1*	26-4	4	35E2011802-1*	7-13	1
	5B-		35D2076182-5*	9-36	2	35E2011803-1*	7-12	1
1F-24101	10-33	2	35D2076183-1*	27-8	1	35E2011941-1*	7-14	1
1F-24105	5A-15	1	35D2076184-1*	9-28	4	35E2013302-1*	7-35	1
1F-24109	5A-12	1	35D2076200-5*	9-48	1	35E2013303-1*	7-33	1
1F-24260-2	3-35	2	35D2076201-5*	11-3	1	35E2026703-1*	7-28	1
1F-24615	4-2	1	35D2076202-5*	8-7	3	35E2029003-1*	7-29	1
1F-24850-2	9-11	2	35D2076223-1*	10-37	1	35E2029703-1*	7-30	1
1F-24853	9-10	2	-5*	32-15	1	35E2029903-1*	7-31	1
1N38	10-38	2	35D2076225-1*	8-22	9	35E2511002-5*	18-16	4
1N55	27-2	1	35D2076243-5*	18-13	2	35E2511303-1*	5B-7	2
1N70	20-1	2	35D2076244-5*	31-19	1	35E2511304-1*	5B-8	2
1W-24111	3-34	1	35D2076272-1*	11-6	4	35E2513501-5*	18-18	2
1Z2	3-7	2	-5*	7-16	2	35E2516202-5*	19-5	2
12AT7	3-18	1	35D2076274-1*	28-21	1	35E2523004-1*	18-17	2
12AU7	3-10	8	-5*	28-18	1	36-112130-1	13-1	2
12AV7	3-14	4	35D2076300-5*	9-45	1	36E022070-112*	10-25	1
13-112136-1*	27-2	1	35D2076302-5*	8-13	1	-501*	10-26	1
13-81853-17*	3-18	1	35D2076304-5*	9-34	1	36E056070-202*	39-2	1
13-90906-1*	4-6	1	35D2076332-5*	31-13	1	-252*	39-1	1
13A205048-1*	10-38	2	35D2076333-5*	28-13	2		7-42	2
13A205321-1*	3-20	1	35D2076334-1*	12-4	2		9-66	
13A205526-1*	3-14	4	35D2076392-1*	10-49	3	-3*	7-43	2
13D206002-1*	3-8	2	35D2076393-1*	9-35	3		32-5	
13D206069-1*	20-1	2	35D2076395-5*	18-9	1	-5*	10-34	1
13D206092-1*	3-7	2	35D2076431-5*	11-4	2	-7*	9-58	2
13D206251-1*	3-12	2	35D2076432-5*	8-15	1		10-35	
			35D2076470-1*	5B-16	11	-11*	15-3	1

* Reference part number. Not listed in Part No. column of Section II.

PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE
37-100150-15*	7-44	3	50-112091-1	25-2	1	70A3800614-480	3-2	22
37-81193-1*	10-62	2	50-112092-1	11-2	1	70A3800616-480	3-2	4
4E-24117	15-1	1	50-112123-1	23-2	1	70A3800620-480	3-34	7
4E-24119	9-38	3	55-90851-1	10-53	1	70A3800814-480	3-4	8
	11-4		56-112131-1	20-3	1	70A3800818-480	3-5	4
4V-24234*	5B-14	1	56-112145-1	10-39	1	70A3800836-480	10-26	2
4V-24476	3-50	1	56-90850-1	10-51	1	70A3801012-480	10-51	9
41-90629-1	38-1	1	5654/6AK5W	3-24	1	70A3801016-480	3-34	3
41-90630-1	18-3	3	5687	3-23	1	70A3806018-480	10-54	8
	28-1		5725/6AS6W	3-22	1	70A3800606-480	5B-13	4
	31-5		5726/6AL5W	3-17	6	70A3800806-480	3-37	54
41-90928-1*	9-70	3	5763	3-16	3	70A3800808-480	7-7	8
	10-24		6AG7	3-26	1	70C3010404-80	5B-33	42
-2*	10-27	1	6AH6	3-21	6	70C3010504-80	9-8	4
-3*	10-57	3	6AS7G	3-11	2	70C3010604-80	3-41	80
-4*	9-71	2	6AU6	3-9	2	70C3010804-80	3-4	9
	10-58		6BN6	3-20	1	70C3011004-80	7-57	7
42-112119-1	5B-14	1	6C4	3-19	2	70C3100604-80	4-9	5
42-90669-1070*	28-5	1	6L6WGB	3-25	1	70D3010204-80	2A-10	2
-2130*	7-23	4	6T-24277-1	7-51	1	70D3010404-80	4-5	125
	17-1		-2	7-52	1	70D3010604-80	3-5	248
-2200*	7-22	1	6X4W	3-15	1	70D3010804-80	3-4	15
-3300*	7-21	2	7A-18069	7-54	1	70D3011004-80	3-34	15
	33-2		7A-24229	5A-7	1	70D3102004-80	5B-10	16
-3450*	31-6	2		10-70		70D3102804-80	7-50	4
	33-1		7A-24237	5B-26	1	70D3120604-80	5A-13	2
44D152220-5*	7-27	8	7A-24261	2-11	1	70D3120804-80	9-60	4
44D152330-1*	9-15	1	7A-24262	2-11	1	70D4000504-80	17-2	8
44D154221-5*	8-4	1	7C-24367-2	9-60	7	70D4000704-80	3-2	84
44D202100-1*	10-43	2		10-60		70D4000904-80	10-26	6
44D202121-1*	9-20	5	-3	3-31	7	70D4001204-80	10-51	12
44D202201-1*	21-1	1	7H-24108	7-56	2	71-81167-2	10-65	4
44D202221-1*	31-3	1	7M-24252-1	3-38	18	71-81675-3	3-32	1
44D202240-1*	5B-15	1		3-49		-4	3-33	1
44D202250-1*	31-7	1	-2	3-34	1	71-81857-1	10-22	6
44D202300-5*	8-5	1	7S-24876	4-10	1	-8	2A-15	10
44D202351-5*	9-16	1	7T-24265	10-64	1		17-2	
44D202431-5*	9-19	2	7T-24326	5B-32	11	-9	33-3	
44D202470-1*	10-44	1		9-59		-10	5B-19	2
44D202471-1*	9-37	1	7Z-24130	10-63			5B-19	4
44D202511-5*	18-2	8		3-63	10	71-81879-7	5A-13	6
44D202820-1*	24-1	2		7-53			9-64	
44D203101-5*	7-24	1	7Z-24131	4-1	4		10-17	
44D204102-5*	8-3	8	7Z-24165	4-4	1	-8	9-65	2
44D204151-5*	9-21	1	7Z-25170	7-45	2	-9	3-52	2
44D204331-5*	7-25	2	70-112097-1	7-8	3	-10	3-53	4
44D204821-5*	9-47	1	70-201500-106	3-40	4		10-3	
44D302332-1*	21-3	2		5B-24		71-81949-21	7-44	6
44D302821-5*	8-6	2		9-39		71-81956-2	7-39	16
44D304122-5*	7-26	1	-109	3-41	5		7-44	
44D352392-1*	9-18	4		9-2			9-13	
44D354562-5*	8-2	1	70-201604-082	7-10	2	71-82256-2	9-74	2
45-112114-1	10-32	1		9-78		71-90845-1	10-66	1
45-112132-1	31-2	1	70-90836-1	9-72	3	72-112098-1	41-1	2
45-90662-1	10-23	1		10-28		72-290461-1*	3-27	8
45-90663-1	9-1	8	-3	9-73	1	-2*	3-28	8
	14-1		70-90840-4	5B-36	20	-3*	3-29	4
	30-1			9-76		72-290462-2*	3-30	12
	32-4		-5	10-69		72-290463-2*	9-77	7
45-90666-1	37-1	1		5B-36	10	72-290464-2*	5B-35	22
45D0411502-3342*	25-1	4		8-24		72-290465-2*	5B-36	17
45D0411504-4732*	16-1	4		10-69		73-100103-1	7-46	7
45D0811502-1041*	23-1	6	-6	9-76	2		7-47	
-1052*	28-4	1	-9	10-69	4	73-112116	4-12	5
45D0811504-1042*	15-2	1	-12	9-76	3	73-112120-1	10-1	1
45D0911502-4742*	26-1	1		10-69		73-112133-1	4-11	1
45D0911504-1032*	16-2	1	70-90848-1	10-56	6	73-112135-2	3-47	1
45D5421506-1040*	10-42	2	70A3000208-480	2A-10	2	73-112252-1	2A-	1
-5042*	9-68	3	70A3100206-480	2A-11	2	73-112257-1	2A-2	1
45D5426510-1042*	9-67	3	70A3100610-480	5A-12	2	73-112263-3	2A-7	1
45D6925506-1040*	10-29	1	70A3100816-480	3-62	2	-4	2A-6	1
45D7051525-2540*	5B-37	4	70A3101016-480	7-56	4	-5	2A-5	1
	10-55	3	70A3700214-480	2A-3	2	-6	2A-4	1
5J-24078	10-50	2	70A3700410-480	2A-15	2	73-112264-1	2A-14	1
5J-24079	10-54	1	70A3700416-480	33-3	4	73-80395-1	2A-18	1
5J-24088	10-52	1	70A3700418-480	17-2	4	73-80705-1*	2-10	7
5N-24383*	10-39	1	70A3700616-480	3-53	2		2A-1	
5R4WGY	3-12	2	70A3700620-480	4-5	4	73-80731-3	3-48	
5Y3WGT	3-13	1	70A3800406-480	5B-36	78	-4	42-1	1
50-112083-1	9-50	1	70A3800408-480	5B-33	14	73-90673-1	5B-30	1
-2	10-40	1	70A3800410-480	7-47	23	73-90674-1	5B-34	1
50-112085-1	8-9	1	70A3800412-480	5B-20	2	73-90841-1	7-50	4
-2	8-10	1	70A3800608-480	3-5	128	73-90843-1	2-9	2
-3	8-11	1	70A3800610-480	3-6	123	73-90846-2	3-60	6
-4	8-12	1					5B-20	
50-112090-1	12-1	1						

* Reference part number. Not listed in Part No. column of Section II.

Section III
Numerical Index

NAVAER 16-30UPM55-504

PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE	PART NO.	FIG. AND INDEX NO.	QTY. PER ART- ICLE
73-90846-2	10-62		82-90979-1	10-71	1	89-90932-1	23-8	1
-3	43-3		82-90983-1	9-14	1	-2	9-51	1
	7-55	4	82-90984-1	9-8	1		23-	
	9-63		82-90988-1	3-38	1	89-90933-1	24-7	1
73-90847-2	9-72		83-90842-1	5B-31	1	-2	10-7	1
73-90910-1	7-46	2	84-90993-1	4-13	1		24-	
-2	2-6	2		5-16		89-90934-1	25-5	1
-3	2-4	2		7-59		-2	10-11	1
-4	2-3	2	85-112086-1	2-2	1		25-	
73-90912-1	2-5	2	86-112253-1	2A-12	1	89-90935-1	26-8	1
	5B-33	7	86-112255-1	2A-13	1	-2	10-10	1
	7-47		86-112258-1	2A-3	1		26-	
73-90913-1	2-7	2	86-112269-1	2-10	1	89-90936-1	27-10	1
73-90914-1	2-8	2	86-112270-1	2-11	1	-2	10-9	1
73-90955-1	2-10	2	86-112271-1	2A-9	1		27-	
73-90957-1	2-11	1	86-80260-2	2A-19	1	89-90937-1	28-23	1
73-90958-1	2-12	1	86-90665-1	5B-18	6	-2	10-12	1
	2A-			10-21			28-	
73-90960-1	10-41	1	-2	10-22	2	89-90938-1	29-2	1
-2	7-20	1	-3	5B-19	2	-2	3-51	1
-3	3-39	1	86-90668-1	4-3	1		29-	
73-90974-1	5A-6	1	86-90853-2	41-3	1	89-90939-1	30-4	1
	5B-25		86-90854-2	42-3	1	-2	3-56	1
73-90977-1	3-46	1	86-90860-2	17-3	1		30-	
	5A-5		89-112099-1	3-62	1	89-90940-1	31-23	1
-2	3-47	1	89-112105-1	3-44	1	-2	9-7	1
	5A-5		89-112108-1	3-42	1		31-	
74-112096-1	5A-14	1	89-112111-1	3-43	1	89-90941-1	32-16	1
74-112100-1	5A-2	14	89-112117-1	7-11	1	-2	9-4	1
	7-1		89-112118-1	3-	1		32-	
-2	7-7	2	89-112122-1	20-4	1	89-90942-1	33-4	1
74-112101-3	7-5	1	-2	10-6	1	-2	9-9	1
-4	7-2	1		20-			33-	
-5	7-3	2	89-112124-1	9-61	1	89-90943-1	9-55	1
74-112102-2	7-4	2	89-112138-1	2-13	1		34-	
74-112104-1	5A-1	1	89-112254-1	2A-10	1	89-90944-1	35-11	1
	7-		89-82298-2	9-57	6	-2	10-15	1
-2	7-	2		10-36			35-	
76-112277-1	6-12	1		15-3		89-90945-1	36-4	1
-2	6-14	1		32-6		-2	3-45	1
76-90664-1	7-38	4	89-90838-1	5B-13	1		36-	
	9-13		89-90920-1	11-3	1	89-90946-1	37-6	1
-2	7-39	1	-2	9-54		-2	3-58	1
77-112272-1	4-	2		11-			37-	
79257-1	9-62	1	89-90921-1	12-5	1	89-90947-1	38-2	1
8N-24268	5B-27	1	-2	9-53	1	-2	10-13	1
81-112103-1	7-6	3		12-			38-	
	7-7		89-90922-1	13-3	1	89-90948-1	39-3	1
81-112276-1	6-5	1	-2	9-52	1	-2	10-14	1
81-90894-1	3-3	1		13-			39-	
-2	3-4	1	89-90923-1	14-4	1	89-90949-1	40-3	1
81-90897-1	7-57	2	-2	3-57	1	-2	10-16	1
81-90902-1	3-54	12		14-			40-	
	5B-12		89-90924-1	15-8	1	89-90950-1	10-20	1
	10-18		-2	5B-22	1		41-	
-2	3-55	5		15-		89-90951-1	3-6	1
	9-3		89-90925-1	16-10	1		42-	
	9-6		-2	5B-11	1	89-90952-1	43-4	1
81-90904-1	3-36	1		16-		-2	10-19	1
-2	9-12	1	89-90926-1	5B-17	1		43-	
-3	5B-21	1		17-		89-90956-1*	2-1	1
-4	3-37	1	89-90927-1	18-20	1	89-90959-1	7-	1
81-90999-1	4-7	1	-2	10-8	1	89-90961-1	7-	1
82-112128-1	9-56	1		18-		89-90962-1	4-	1
82-112148-1	2A-11	1	89-90929-1	19-6	1	89-90963-1	7-	1
82-90898-1	10-4	2	-2	10-5	1	89-90964-1	7-	1
82-90899-1	9-5	1		19-		89-90968-1	8-	1
82-90965-1	10-2	1	89-90030-1	21-8	1	89-90971-1	9-	1
82-90967-1	8-25	1	-2	8-18	1	89-90972-1	5B-	1
82-90969-1	10-72	1		21-		89-90973-1	5B-	1
82-90970-1	4-14	1	89-90931-1	22-4	1	89-90976-1	3-49	1
	5A-17		-2	8-17	1		7-	
	9-79			22-		89-90978-1	3-	1
82-90975-1	5B-38	1				89-90987-1	5A-8	1

* Reference part number. Not listed in Part No. column of Section II.

SECTION IV

REFERENCE DESIGNATION INDEX

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
B1001	6-	23-112274-1
C101	9-1	45-90663-1
C102	7-21	CV11C300
C103	7-22	CV11B200
C104	7-23	CV11B130
C105	7-23	CV11B130
C106	7-24	CM20C101J
C107	7-25	CM20D331J
C108	7-26	CM30D122J
C109	9-71	CE33C200M
C110	9-38	4E-24119
C111	11-1	4E-24119
C112	9-1	45-90663-1
C113	9-1	45-90663-1
C114	9-69	CP69B5EF104V
C115	14-1	45-90663-1
C116	9-47	CM20D821J
C117	7-27	CM15B220J
C118	9-70	CE31F120R
C119	9-67	CP54B1EF504M
C201	17-1	CV11B130
C202	5B-14	42-112119-1
C203	17-1	CV11B130
C204	16-2	CP09A1EC474M
C206	16-1	CP04A1EC334M
C207	5B-37	CP69B5EF104V
C208	16-1	CP04A1EC334M
C209	15-1	4E-24117
C210	15-2	CP08A1EC105M
C211	9-38	4E-24119
C212	5B-15	CM20B240K
C213	5B-29	CM20D331J
C301	10-58	CE33C200M
C302	18-1	CM20B121K
C303	18-1	CM20B121K
C304	10-59	CP69B5EF104V
C305	13-2	CM20B511J
C306	19-1	CM35B392K
C307	19-1	CM35B392K
C308	10-44	CM20B470K
C401	9-68	CP54B1EF104V
C501	8-2	CM35D562J
C502	8-3	CM20D102J
C503	8-4	CM15D221J
C505	8-6	CM30B821J
C506	21-3	CM30B332K
C507	8-19	CM15B220J
C508	22-1	CM30B332K
C509	22-2	CM20D102J
C510	23-1	CP04A1EE473M
C511	9-37	CM20B471K
C512	21-2	CM20D102J

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
C513	23-1	CP04A1EE473M
C514	21-1	CM20B201K
C515	8-5	CM20B300J
C601	23-3	CM20B511J
C602	10-43	CM20B100K
C603	24-1	CM20B820K
C604	10-27	CE32C250N
C605	23-1	41-90630-1
C701	23-2	CM20B121K
C702	25-1	45-90666-1
C703	27-1	CP04A1EC334M
C705	10-23	45-90662-1
C706	3-50	4V-24476
C707	27-1	CP04A1EC334M
C720	10-59	CP69B5EF104V
C721	23-4	CP08A1EC104K
C723	23-5	CV11A070
C725	26-1	CP08A1EE104M
C801	13-2	CM20B511J
C802	10-43	CM20B100K
C803	24-1	CM20B820K
C804	13-3	41-90630-1
C901	31-1	CP04A1EE473M
C902	9-15	CM15B330K
C903	9-16	CM20B351J
C904	9-17	CM30B821J
C905	33-1	CV11C450
C906	31-1	CP04A1EE473M
C907	31-6	CV11C450
C908	31-1	CP04A1EE473M
C909	31-3	CM20B221K
C910	30-1	45-90663-1
C911	32-1	CM20B121K
C912	32-3	CP09A1EE103M
C913	32-2	CM20B431J
C914	31-7	CM20B250K
C915	31-4	CM35B392K
C916	31-1	CP04A1EE473M
C917	9-1	45-90663-1
C918	31-2	45-112132-1
C919	9-18	CM35B392K
C920	9-19	CM20B431J
C921	9-20	CM20B121K
C922	33-2	CV11C300
C923	31-5	41-90630-1
C924	32-4	45-90663-1
C925	9-21	CM15B220J
C926	9-22	CM20D151J
C1001	10-55	CP70E1EK254V
C1002	10-55	CP70E1EK254V
C1003	10-55	CP70E1EK254V
C1004	37-1	45-90663-1

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
C1005	10-24	CE31F120R
C1006	10-24	CE31F120R
C1007	10-57	CE42F400R
C1008	10-29	CP54B6EG104M
C1009	38-1	49-90629-1
C1010	10-57	CE42F400R
C1011	10-30	CP54B1EF504M
C1012	10-42	CP09A1EE103M
C1013	10-31	CP54B1EF104V
C1014	10-31	CP54B1EF104V
C1015	10-30	CP54B1EF504M
C1020	10-32	45-112114-1
C1101	2A-15	CV11C300
CR301	20-1	1N70
CR501	21-4	1N38
CR702	26-2	1N70
CR703	27-2	1N55A
CR704	10-38	1N38
F1001	7-50	F03G5R00B
F1002	7-50	F03G5R00B
I201	5B-1	30-90837-1
I202	5B-6	30-200004-44
I1001	7-53	30-200004-44
I1002	7-53	30-200004-44
J101	7-47	UG-185/U
J102	7-47	UG-185/U
J104	7-47	UG-185/U
J105	7-47	UG-185/U
J106	7-47	UG-185/U
J107	5B-33	UG-185/U
J108	5B-33	UG-185/U
J109	10-70	7A-24299
J111	7-45	7Z-25170
J1001	7-54	7A-18069
L101	11-2	50-112092-1
L102	12-1	50-112090-1
L103	9-50	50-112083-1
L501	8-9	50-112085-1
L502	8-10	50-112085-2
L503	8-11	50-112085-3
L504	8-12	50-112085-4
L505	23-2	50-112123-1
L701	10-40	50-112083-2
L702	25-2	50-112091-1
L1001	10-50	5J-24078
L1002	10-50	5J-24078
L1003	10-51	56-90850-1
P101	2A-1	UG-260/U
P107	3-48	UG-260/U
P108	3-48	UG-260/U
P109	5B-26	7A-24237
P1001	2-11	7A-24262

Section IV
Reference Designation Index

NAVAER 16-30UPM55-504

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
P1002	2-11	7A-24261
R101	7-28	RN20X6703F
R102	7-29	RN20X9003F
R103	7-30	RN20X9703F
R104	7-31	RN20X9903F
R105	14-2	RC20GF105J
R106	7-32	RC20GF105J
R107	7-33	RN20R3303F
R108	7-34	RN20R1003F
R109	7-35	RN20R3302F
R110	7-36	RN20R1002F
R111	9-40	RC20GF470K
R112	9-41	RC20GF102K
R113	9-48	RC20GF200J
R114	7-44	RV4ATSC102B
R115	11-3	RC20GF201J
R116	11-5	RC20GF471J
R117	11-7	RC32GF473J
R118	9-40	RC20GF470K
R119	9-43	RC20GF103J
R120	9-44	RC20GF132J
R121	12-2	RC32GF333J
R122	12-4	RC20GF334K
R123	11-8	RC32GF753J
R124	9-36	RC20GF182J
R125	9-49	RC20GF100J
R126	9-29	RC20GF104K
R127	9-45	RC20GF300J
R128	12-3	RC20GF104J
R129	13-1	RW55G102
R130	13-1	RW55G102
R131	11-4	RC20GF431J
R132	9-46	RC20GF912J
R133	14-3	RC20GF225K
R134	13-2	RC20GF272K
R135	11-6	RC20GF272K
R136	7-40	3V-24118
R201	5B-7	RN25R1303F
R202	5B-8	RN25R1304F
R203	5B-9	RN30X1305F
R204	5B-9	RN30X1305F
R205	5B-8	RN25R1304F
R206	5B-7	RN25R1303F
R207	5B-16	RC20GF470K
R208	15-5	RC20GF102K
R209	15-3	RV4ATSC502B
R210	16-8	RC32GF473K
R211	16-7	RC32GF333J
R212	15-6	RC32GF682J
R213	16-3	RC20GF510J
R214	16-5	RC20GF152J
R215	5B-28	3V-24334
R216	16-9	RC20GF105K
R217	16-6	RC20GF202J
R218	15-7	RC42GF153K
R219	16-4	RC20GF511J
R220	15-4	RC20GF621J
R221	7-44	RV4ATSC102B
R222	5B-23	RC20GF101J
R301	18-4	RC20GF473K
R302	18-4	RC20GF473K
R303	18-5	RC20GF103J
R304	18-6	RC42GF123K
R305	18-7	RC32GF183K
R306	18-8	RC32GF473K
R307	18-6	RC42GF123K
R308	18-9	RC20GF395J
R309	18-10	RC20GF474K
R310	28-9	RC20GF471K
R311	18-15	RC20GF913J
R312	18-12	RC20GF153J
R313	18-13	RC20GF243J
R314	18-11	RC20GF134J
R315	19-3	RC20GF821J
R316	19-2	RC20GF431J
R317	18-14	RC42GF332K
R318	20-2	RC20GF101J
R401	7-12	RN20R1803F
R402	7-13	RN20R1802F
R403	7-14	RN20R1941F
R404	9-66	RV4ATSC154B
R405	9-42	RC20GF473K
R501	21-7	RC42GF123J
R502	21-5	RC20GF470K
R503	21-5	RC20GF470K

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
R504	22-3	RC42GF432J
R505	8-22	RC20GF225K
R506	8-21	RC20GF152J
R507	8-23	RC20GF510J
R508	8-20	RC20GF272J
R509	9-33	RC20GF105K
R510	23-7	RC20GF473J
R511	23-6	RC32GF472J
R512	9-36	RC20GF182J
R513	23-3	RC20GF683J
R514	23-4	RC20GF225K
R515	23-5	RC32GF302J
R516	8-7	RC20GF202J
R517	21-6	RC20GF202J
R518	8-13	RC20GF302J
R519	8-14	RC20GF472J
R520	8-15	RC20GF432J
R521	8-16	RC20GF823J
R601	19-5	RN25R6202J
R602	7-41	3R-24339
R603	28-6	RN25R1002J
R604	28-7	RN25X3004F
R605	28-6	RN25R1002J
R606	28-8	RN25R3501J
R607	28-10	RC32GF473J
R608	28-11	RC20GF912J
R609	24-2	RC20GF225K
R610	24-4	RC32GF273J
R611	24-6	RC20GF272K
R612	24-3	RC20GF184K
R613	24-2	RC20GF225K
R614	24-5	RC42GF332K
R615	19-4	RC20GF122J
R701	28-12	RC20GF184K
R702	28-13	RC20GF333J
R703	28-14	RC20GF102K
R704	7-16	RC20GF272J
R705	26-3	RC20GF470K
R706	28-15	RC32GF562J
R707	26-4	RC20GF180K
R708	28-16	RC20GF513J
R709	28-17	RC32GF273J
R710	28-18	RC20GF274J
R711	28-19	RC32GF183J
R712	26-5	RC42GF391J
R713	26-6	RC42GF471J
R714	26-6	RC42GF471J
R715	26-6	RC42GF471J
R716	10-61	RV4ATSA103B
R717	7-18	RC20GF511J
R718	28-20	RC20GF135J
R719	28-21	RC20GF274K
R720	28-22	RC20GF392K
R721	7-44	RV4ATSC102B
R722	26-4	RC20GF180K
R723	26-3	RC20GF470K
R724	26-7	RC20GF334K
R725	10-61	RV4ATSA103B
R726	27-6	RC32GF152J
R727	25-4	RC42GF511J
R728	25-4	RC42GF511J
R729	27-5	RC42GF511J
R730	27-5	RC42GF511J
R731	25-3	RC20GF100K
R732	25-3	RC20GF100K
R733	27-4	RC20GF180K
R734	27-8	RC20GF183K
R735	27-7	RC32GF622J
R736	7-18	RC20GF511J
R737	27-9	RC32GF273J
R738	27-3	RC20GF100K
R739	27-3	RC20GF100K
R740	27-4	RC20GF180K
R741	7-9	RC20GF104K
R742	10-49	RC20GF392K
R801	10-45	RC20GF472K
R802	19-5	RN25R6202J
R803	7-41	3R-24339
R804	18-17	RN25R1002J
R805	18-18	RN25X3004F
R806	18-17	RN25R1002J
R807	18-19	RN25R3501J
R808	18-16	RC32GF473J
R809	10-46	RC20GF912J
R810	24-2	RC20GF225K

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
R811	24-4	RC32GF273J
R812	24-6	RC20GF272K
R813	24-3	RC20GF184K
R814	24-2	RC20GF225K
R815	24-5	RC42GF332K
R816	19-4	RC20GF122J
R901	31-22	RC20GF105K
R902	7-43	RV4ATSC104B
R903	9-58	RV4ATSC253B
R904	9-23	RC42GF334J
R905	9-24	RC42GF154J
R906	9-25	RC42GF473J
R907	31-14	RC32GF153J
R908	31-16	RC42GF913J
R909	9-31	RC20GF225K
R910	31-15	RC20GF243J
R911	31-21	RC32GF394K
R912	32-5	RV4ATSC104B
R913	31-9	RC20GF102K
R914	31-13	RC20GF332J
R915	30-3	RC32GF103J
R916	32-7	RC20GF562K
R917	32-8	RC20GF104K
R918	32-9	RC20GF134J
R919	32-10	RC20GF103J
R920	32-11	RC20GF333J
R921	32-12	RC20GF393K
R922	9-29	RC20GF104K
R923	32-13	RC32GF823K
R924	32-12	RC20GF393K
R925	31-19	RC20GF244J
R926	31-12	RC20GF562K
R927	31-8	RC20GF471K
R928	31-17	RC20GF104K
R929	9-34	RC20GF304J
R930	9-35	RC20GF393K
R931	9-27	RC42GF332K
R932	31-20	RC32GF364J
R933	31-11	RC20GF332K
R934	9-28	RC20GF184K
R935	9-29	RC20GF104K
R936	31-16	RC42GF913J
R937	9-33	RC20GF105K
R938	9-32	RC20GF153K
R939	30-2	RC20GF225K
R940	9-30	RC20GF472K
R941	32-14	RC20GF563K
R942	32-15	RC20GF223J
R943	31-18	RC32GF104J
R944	31-10	RC20GF122J
R1001	7-42	RV4ATSC154B
R1002	43-1	3M-24576
R1003	40-1	RC32GF473K
R1004	37-2	RC20GF392K
R1005	37-5	RC32GF105K
R1006	36-3	3K-25362
R1007	37-4	RC32GF684J
R1008	37-3	RC32GF823K
R1009	40-2	RC32GF104K
R1010	36-2	RC32GF105K
R1011	36-2	RC32GF105K
R1012	36-2	RC32GF105K
R1013	36-1	RC20GF473K
R1014	43-2	RC20GF473K
R1015	35-4	RC32GF183K
R1016	35-9	RC20GF474K
R1017	10-48	RC20GF474K
R1018	35-4	RC32GF183K
R1019	35-2	RC42GF123K
R1020	10-34	RV4ATSC503B
R1021	35-10	RC20GF105K
R1022	35-6	RC32GF823K
R1023	10-26	RW22G501
R1024	39-1	RW56G252
R1025	39-2	RW56G202
R1026	35-1	RC42GF470K
R1027	35-1	RC42GF470K
R1028	35-1	RC42GF470K
R1029	10-47	RC20GF470K
R1030	10-47	RC20GF470K
R1031	10-47	RC20GF470K
R1032	35-8	RC32GF224K
R1033	35-7	RC42GF913J
R1034	35-3	RC32GF153J
R1035	35-6	RC32GF823K
R1036	10-37	RC20GF223K

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
R1037	35-5	RC32GF563K
R1038	10-35	RV4ATSC253B
R1039	10-47	RC20GF470K
R1040	10-25	RW22G122
R1101	2A-17	RN20R1253F
R1102	2A-16	RC20GF105J
S101	7-37	2R-24537
S102	7-11	2R-24538
S201	5B-10	33-112115-1
S401	7-15	2R-24540
S501	8-8	33-90670-1
S701	7-17	33-90672-1
S702	7-19	33-90671-1
S801	7-49	ST12D
S901	9-26	33-90985-1
S1001	7-48	ST22N
TB101	9-54	89-90920-2
	11-	
TB102	9-53	89-90921-2
	12-	
TB103	9-52	89-90922-2
	13-	
TB104	3-57	89-90923-2
	14-	
TB201	5B-22	89-90924-2
	15-	
TB202	5B-11	89-90925-2
	16-	
TB203	5B-17	89-90926-1
	17-	
TB301	10-8	89-90927-2
	18-	
TB302	10-5	89-90929-2
	19-	
TB303	10-6	89-112122-2
	20-	
TB501	8-18	89-90930-2
	21-	
TB502	8-17	89-90931-2
	22-	
TB503	9-51	89-90932-2
	23-	
TB601	10-7	89-90933-2
	24-	
TB701	10-11	89-90934-2
	25-	
TB702	10-10	89-90935-2
	26-	
TB703	10-9	89-90936-2
	27-	
TB704	10-12	89-90937-2
	28-	
TB705	3-51	89-90938-2
	29-	
TB901	3-56	89-90939-2
	30-	
TB902	9-7	89-90940-2
	31-	
TB903	9-4	89-90941-2
	32-	
TB904	9-9	89-90942-2
	33-	
TB1001	9-55	89-90943-1
	34-	

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
TB1002	10-15	89-90944-2
	35-	
TB1003	3-45	89-90945-2
	36-	
TB1004	3-58	89-90946-2
	37-	
TB1005	10-13	89-90947-2
	38-	
TB1006	10-14	89-90948-2
	39-	
TB1007	10-16	89-90949-2
	40-	
TB1008	10-20	89-90950-1
	41	
TB1009	3-6	89-90951-1
	42-	
TB1010	10-19	89-90952-2
	43-	
T301	20-3	56-112131-1
T701	10-39	56-112145-1
T1001	10-52	5J-24088
T1002	10-53	55-90851-1
T1003	10-54	5J-24079
V101	3-24	5654/6AK5W
V102	3-21	6AH6
V103	3-21	6AH6
V104	3-25	6L6WGB
V201	5B-4	6AH6
V202	5B-5	12AU7
V301	3-20	6BN6
V302	3-10	12AU7
V303	3-19	6C4
V401	3-17	5726/6AL5W
V501	3-14	12AV7
V502	3-14	12AV7
V503	3-9	6AU6
V504	3-21	6AH6
V601	3-17	5726/6AL5W
V602	3-10	12AU7
V603	3-10	12AU7
V701	3-10	12AU7
V702	3-18	12AT7
V703	3-16	5763
V704	3-14	12AV7
V705	3-16	5763
V706	3-16	5763
V707	3-17	5726/6AL5W
V801	3-17	5726/6AL5W
V802	3-10	12AU7
V803	3-10	12AU7
V901	3-22	5725/6AS6W
V902	3-17	5726/6AL5W
V903	3-21	6AH6
V904	3-26	6AG7
V905	3-23	5687
V906	3-14	12AV7
V907	3-19	6C4
V908	3-21	6AH6
V909	3-17	5726/6AL5W
V1001	4-6	K1065P-1
V1002	3-7	1Z2
V1003	3-7	1Z2
V1004	3-15	6X4W
V1005	3-8	0A2

REFERENCE DESIGNATION	FIGURE & INDEX NO.	PART NO.
V1006	3-12	5R4WGY
V1007	3-12	5R4WGY
V1008	3-11	6AS7G
V1009	3-10	12AU7
V1010	3-8	0A2
V1011	3-13	5Y3WGT
V1012	3-11	6AS7G
V1013	3-9	6AU6
X101	9-75	TS102P01
X102	9-75	TS102P01
X103	9-75	TS102P01
X104	9-77	TS101P01
X201	5B-35	TS102P01
X202	5B-36	TS103P01
X301	10-68	TS102P01
X302	10-69	TS103P01
X303	10-68	TS102P01
X401	9-75	TS102P01
X501	8-24	TS103P01
X502	8-24	TS103P01
X503	9-75	TS102P01
X504	9-75	TS102P01
X601	10-68	TS102P01
X602	10-69	TS103P01
X603	10-69	TS103P01
X701	10-69	TS103P01
X702	10-69	TS103P01
X703	10-69	TS103P01
X704	10-69	TS103P01
X705	10-69	TS103P01
X706	10-69	TS103P01
X707	10-68	TS102P01
X801	10-68	TS102P01
X802	10-69	TS103P01
X803	10-69	TS103P01
X901	9-75	TS102P01
X902	9-75	TS102P01
X903	9-75	TS102P01
X904	9-77	TS101P01
X905	9-76	TS103P01
X906	9-76	TS103P01
X907	9-75	TS102P01
X908	9-75	TS102P01
X909	9-75	TS102P01
X1001	4-10	7S-24876
X1002	41-1	72-112098-1
X1003	41-1	72-112098-1
X1004	10-68	TS102P01
X1005	10-68	TS102P01
X1006	10-67	TS101P01
X1007	10-67	TS101P01
X1008	10-67	TS101P01
X1009	10-69	TS103P01
X1010	10-68	TS102P01
X1011	10-67	TS101P01
X1012	10-67	TS101P01
X1013	10-68	TS102P01
Z1001	3-5	23-90907-1
	6-	

